



**MEHMET
MUEJDE**

SENIOR FULL-STACK & AI ENGINEER

Last updated: October 29, 2026

Mehmet Müjde

Senior Full-Stack & AI Engineer

📍 Science Park, Universitätsplatz 12, 34127 Kassel, Germany

📞 +49 1516 79 85 984

✉️ freelancer@mehmetmuejde.com

🔗 [Homepage](#)

🌐 [LinkedIn](#)

🐙 [GitHub](#)

🇩🇪 German C2

🇬🇧 English C1

🇹🇷 Turkish C2

📄 SUMMARY

For more than 15 years, I have been building web, mobile and desktop applications as a senior full-stack developer – from requirements analysis through architecture and development to operations and handover. My technical home is Python, TypeScript and Rust, with React in the frontend, FastAPI in the backend and a production-ready DevOps chain on Microsoft Azure and Kubernetes.

Artificial intelligence has been part of my work since my studies, which focused on deep learning and data science. Today, as a developer and AI consultant, I take it from prototype to production in enterprise environments: LLM and RAG applications, AI agents and document analysis as well as agentic development processes with AI-assisted code and security reviews.

My clients include DEUTZ AG, ENERCON GmbH and dmTECH GmbH (dmGPT), in industries ranging from energy, industry and retail to healthcare. I work remotely, independently and close to the business departments – on my own or in interdisciplinary teams. Clients value my clear concepts, forward-thinking approach and reliable results.

🧩 CORE SERVICES

</> Full-Stack Development

Web applications with React/TypeScript and Python/FastAPI, from concept to operations

💡 AI Consulting & Agentic Development

State of the art, AI-assisted development processes, agentic code and security reviews

☁️ Cloud & DevOps

Microsoft Azure, Docker, Kubernetes and CI/CD, from setup to operations

🧠 AI Integration

LLM applications, RAG, agents and MCP with OpenAI, Anthropic and Gemini models

🏗️ Architecture & Technical Leadership

Architecture, standardization, reviews and guidance of external service providers

📱 Frontend & Design Systems

Design systems, performance and accessibility (WCAG 2.2)

WORKING TOGETHER

Work Model

100% remote

Contract Types

Service contract (freelance agreement)
Contract for work (fixed-price offer)

Hourly Rate Remote

€100–125 per hour, depending on the task

On Site

Regular on-site meetings possible by arrangement

Not Available For

Temporary agency work (Arbeitnehmerüberlassung)

Hourly Rate On Site

By arrangement, depending on frequency and distance

INDUSTRIES

Energy (Wind, Solar, Gas)

Industry & Mechanical Engineering

Retail

Healthcare

Aviation

Mobility

Real Estate

HR & Recruiting

Venture Capital

Research & Science

PARTNERS

Besides engagements directly with clients, many of my projects come through specialized IT staffing agencies. I work with the following partners on a basis of trust: they know how I work and what I focus on, have already placed me successfully in projects and are also a good point of contact for new enquiries.

HAYS

Hays 

etengo
SMART FREELANCING

Etengo 

 **amoria bond**
PROGRESSING LIVES EVERYWHERE

Amoria Bond 

RecNow

RecNow 

ARTIFICIAL INTELLIGENCE

Artificial intelligence is fundamentally changing software development: applications are increasingly built around large language models (LLMs), and developers work side by side with AI agents. Building software today takes both – solid engineering and the targeted, responsible use of AI. I actively shape this change, in client projects as well as in my own way of working. This includes integrating LLMs securely into existing systems – from connecting the models through agents and knowledge bases to agentic code and security reviews. My studies with a focus on deep learning laid the foundation; I am deepening it in my part-time master's in data science at RWTH Aachen University. My focus lies in four areas:

LLM Integration

I connect language models from major providers such as OpenAI, Anthropic and Google as well as self-hosted open-weight models to existing systems – for text, images and speech. This includes structured outputs, streaming, secure key and access management and cost control through unified gateways.

OpenAI API Anthropic API Gemini API
Azure OpenAI Microsoft Foundry
LiteLLM vLLM Claude GPT Gemini
Qwen Prompt Engineering

AI-Native Software Development

I use coding agents productively throughout the development process: for code generation, refactoring and tests as well as agentic code and security reviews. To support this, I establish practices, context files and quality rules in the team so that AI-assisted development stays traceable, secure and maintainable.

Claude Code OpenAI Codex OpenCode
GitHub Copilot Agentic Coding
Context Engineering
Agentic code reviews Security reviews

Agents & Automation

I develop AI agents that use tools via MCP and APIs, prepare decisions and automate business processes. I care about clear responsibilities, tool calling with validated inputs and outputs, and human approval at the decisive points.

Pydantic AI Microsoft Agent Framework
LangChain LangGraph Chainlit
Model Context Protocol (MCP)
Tool Calling Multi-Agent Systems
Human-in-the-Loop Workflow automation

RAG & Embedding Systems

I build knowledge bases that make company documents usable for language models: from document analysis and chunking through embeddings and vector search to hybrid search with re-ranking. Answers are based on the organization's own data – with traceable sources instead of guesses.

Retrieval-Augmented Generation (RAG)
Embeddings Semantic search
Hybrid search Re-Ranking Chunking
Vector databases Qdrant FastEmbed
OCR & document analysis

📁 CLIENT PROJECTS

The following projects show my work as a freelancer, newest first. Each card describes the product, my role and tasks and the technologies used. Out of respect for my clients, the descriptions are deliberately kept general: they contain no internal or confidential information and name the technologies used, but not exactly how they work together or details of the architecture. I am happy to explain more in a personal conversation, as far as confidentiality allows.

10/2026 - present

ECAP - Enercon Chat and Agent Platform



ENERCON GmbH

Aurich

Role **AI Engineer**

Team Size **1**

DESCRIPTION

ENERCON's internal AI platform for chat applications and AI agents. AI consulting on agentic development, agentic code and security reviews, and guidance of external development projects in the AI field.

TASKS

AI consulting on the state of the art and best practices in agentic development, agentic code and security reviews, and establishing practices for AI-assisted software development. Consulting on standardizing architecture, interfaces and code conventions and on refactoring existing components for maintainability, performance and security. Technical guidance of external service providers with reviews of concepts, architecture and source code, effort estimates and acceptance support, plus support with steering, prioritization and quality assurance.

TECH STACK

Python

FastAPI

React

TypeScript/JavaScript

HeyAPI

Mantine UI

Microsoft Azure

Microsoft Foundry

GitHub Copilot

Docker

Azure DevOps

Microsoft Agent Framework

Model Context Protocol (MCP)

Microsoft Entra ID

Azure SQL Database

Azure Cosmos DB

OWASP ASVS

Bandit

pip-audit

Pydantic

Cypress

Vitest

pytest

Playwright

Zod

TanStack Query

React Testing Library

07/2026 - present

ordoMedIQ - AI-powered platform for private medical billing

↳ ordomediq

Gesellschaft für medizinisches Honorarmanagement mbH

Mannheim

Roles **AI Engineer • Full-Stack Developer (Frontend Focus)**

Team Size **12**

DESCRIPTION

Multi-tenant, AI-powered platform for digitalizing outpatient private medical billing under the GOÄ (German medical fee schedule). Import of clinical data via HL7 FHIR and automated processing by a GOÄ billing engine into verifiable, professionally validated billing proposals with specialty-specific approval. Derivation of FHIR resources from PDF documents via OCR and document analysis, and document anonymization. Mapping of clients, treatment cases and users across multiple tenants. Target groups: hospitals and practices with their own billing, billing offices and AIS vendors.

TASKS

Development of Python ML services for document analysis: OCR, derivation of FHIR resources from PDF documents and anonymization. Implementation of the React frontend based on Figma designs and ownership of architectural decisions for the frontend codebase. Development and maintenance of the company's design system, integration of identity and access management and connection of the backend API. Ongoing optimization of performance, code quality and development workflow, and work with FHIR resources and GOÄ billing logic.

TECH STACK

TypeScript/JavaScript

React

Vite

TanStack Router

TanStack Query

TanStack Hotkeys

TanStack Form

HeyAPI

Base UI

shadcn/ui

Tailwind CSS

Spring Boot

ASP.NET Core

Entity Framework Core

Python

FastAPI

PostgreSQL

RabbitMQ

Qwen

Qwen-VL

OCR

vLLM

Model Context Protocol (MCP)

Claude Code

HL7 FHIR

GOÄ

Keycloak

HashiCorp Vault

Docker

GitLab CI/CD

Vitest

Playwright

Mock Service Worker

OpenAPI

Figma

Storybook

Pydantic

Cypress

pytest

Zod

05/2026 - present

dmGPT - Internal enterprise AI platform [🔗](#)



dmTECH GmbH

📍 Karlsruhe

🔍 Role **Full-Stack Developer (Backend Focus)**

👥 Team Size **20**

≡ DESCRIPTION

AI-native chat platform by dmTECH in production use at dm, comparable to ChatGPT: around 80,000 users, 2,000 of them active daily, and 300,000 prompts per month across 14 country subsidiaries. Access to language models from OpenAI, Google and Anthropic as well as assistants that enrich inputs with context.

📋 TASKS

Further development of the platform with heavy use of AI coding workflows: development of REST APIs and Python backend components based on Chainlit and FastAPI as well as new features for the chat platform. AI-assisted code reviews of contributions by other developers, implementation of React-based frontend modules and reusable UI components, and UI optimization of the app interface.

</> TECH STACK

Python TypeScript/JavaScript React Radix UI FastAPI Chainlit

Claude (Fable, Opus, Sonnet, Haiku) OpenAI GPT Google Gemini

Anthropic API OpenAI API Gemini API Gemini Live API Gemini 3.8 Live

Gemini 3.5 Transcribe gpt-transcribe gpt-live-transcribe

Microsoft Foundry Azure OpenAI Google AI Studio LiteLLM LangChain

LangGraph RAG Model Context Protocol (MCP) Claude Code OpenAI Codex

OpenCode GitHub Copilot AI Coding Workflows Playwright Vitest

WCAG 2.2 ELK Stack Nutrax GitLab CI/CD Kubernetes Microsoft Azure

Pydantic Cypress pytest WebSockets Zod TanStack Query Docker

React Testing Library

01/2026 - present

Enterprise Data Collection & Integration Platform (Informatica IDMC)



DEUTZ

DEUTZ AG



Cologne

Role **Full-Stack Developer**

Team Size **1**

DESCRIPTION

Greenfield web application enabling DEUTZ AG to capture and maintain business-critical customer and supplier data efficiently and audit-proof, with seamless Informatica IDMC integration.

TASKS

Development of a modular web application for external data capture via dynamic forms with server-side validation, versioning and Informatica integration, plus full DevOps ownership with Docker, Kubernetes and CI/CD.

TECH STACK

React TypeScript/JavaScript Tailwind CSS shadcn/ui FastAPI Python
SQLAlchemy Docker Kubernetes Microsoft Azure Microsoft SQL Server
SQLite Argo CD Helm Pydantic Cypress Vitest pytest Playwright
Zod TanStack Query React Testing Library

08/2025 - present

Cloud-based RAG platform (retrieval-augmented generation) for automating internal processes



ENERCON

ENERCON GmbH



Aurich

Role **Full-Stack Developer**

Team Size **1**

DESCRIPTION

Cloud-based RAG platform enabling ENERCON to automate internal processes with AI - scalable, modular and fully integrated into the Azure infrastructure.

TASKS

Development of a RAG web application with a React frontend and FastAPI backend, integration of AI workflows, setup of Azure CI/CD pipelines, containerization with Docker and security via Microsoft Entra ID and role-based access management.

TECH STACK

React TypeScript/JavaScript HeyAPI Mantine UI FastAPI Python
Qdrant Docker SQLAlchemy Microsoft Azure Azure OpenAI OpenAI GPT
Microsoft Foundry Azure SQL Database SQLite Pydantic Cypress Vitest
pytest Playwright Zod TanStack Query React Testing Library

07/2023 - present

myOTEC App - Online store with customer portal



OTEC Präzisionsfinish GmbH [↗](#)

[📍](#) Straubenhardt

[🔍](#) Role **Full-Stack Developer**

[👥](#) Team Size **1**

DESCRIPTION

Online store with a customer portal for OTEC Präzisionsfinish GmbH covering product presentation, order management and customer account management in the precision machining industry.

TASKS

Development of a React/Django-based online store with a customer portal including authentication, payment integration and responsive UI design, plus full DevOps ownership.

TECH STACK

React TypeScript/JavaScript Mantine UI Django Django REST framework
FastAPI Python Redis Docker Kubernetes GitLab CI/CD Supabase
PostgreSQL CyberArk Renovate GlitchTip Pydantic Cypress Vitest
pytest Playwright WebSockets SOAP Zod TanStack Query
React Testing Library

04/2025 - present

Geomsel App



OTEC Präzisionsfinish GmbH [↗](#)

[📍](#) Straubenhardt

[🔍](#) Role **Full-Stack Developer**

[👥](#) Team Size **2**

DESCRIPTION

Microservice-based analytics portal for OTEC Präzisionsfinish GmbH for data-driven processing and evaluation in precision machining.

TASKS

Co-development of a Django backend with asynchronous task processing via Celery and Redis, containerization with Docker and Kubernetes, and setup and maintenance of GitLab CI/CD pipelines.

TECH STACK

Python Django Celery Redis Docker Kubernetes GitLab CI/CD NumPy
pandas Three.js PostgreSQL

01/2023 - present

Dashboard for the Europe-wide management of Scanboxes



KBST GmbH

Kassel

Role **Frontend Developer**

Team Size **1**

DESCRIPTION

Greenfield dashboard enabling KBST GmbH to manage and configure smart shopping cart Scanboxes with real-time statistics and notifications.

TASKS

Development of an intuitive dashboard from scratch including real-time statistics, Scanbox configuration and alerting for customers across Europe.

TECH STACK

React TypeScript/JavaScript Material UI GraphQL MongoDB Kubernetes
Keycloak Go Renovate Cypress Vitest Playwright gRPC Zod
TanStack Query Docker React Testing Library

04/2022 - 11/2025

Scanbox App - Smart shopping cart for retail



KBST GmbH

Kassel

Role **Full-Stack Developer**

Team Size **1**

DESCRIPTION

Shopping cart with display and weight measurement for KBST GmbH for theft-proof product scanning directly at the cart, in use in German EDEKA stores, among others, and by retail chains such as Kaufland and Rossmann.

TASKS

Multi-year further development of the Scanbox app: frontend development in React/TypeScript to improve UI, navigation, performance, scalability and security, including new features. Adaptation of the app to customer-specific designs for EDEKA, Kaufland, Rossmann and other retail chains in line with individual brand guidelines, and implementation of multilingual support (i18n). Development of device microservices in Rust for cloud synchronization, device setup, file upload and configuration, plus microservice integration and optimization of the app architecture.

TECH STACK

React TypeScript/JavaScript Material UI Node.js Rust Tonic Tokio
Protocol Buffers Go Docker i18n Microservices Keycloak Figma
Motion Cypress Vitest Playwright gRPC Zod TanStack Query
React Testing Library

📁 EARLIER PROJECTS

The following projects date from 2015 to 2020: mostly from my permanent positions (the employers are listed under “Work Experience”), plus one project at the University of Kassel and one side business. They are deliberately shown compactly so that the focus stays on current projects. I am happy to explain details on request.

PERIOD	PROJECT / EMPLOYER • CLIENT	ROLE • TEAM SIZE	TECHNOLOGIES
05/2020 – 12/2020	Annotly Annotly.com	Full-Stack Developer Team Size 2	React, TypeScript/JavaScript, Python, FastAPI, PostgreSQL, MongoDB, Docker, Kubernetes, Google Cloud, AI/ML, Pydantic
01/2020 – 06/2020	AI-powered consulting app Vencortex.io	Full-Stack Developer Team Size 5	Angular, TypeScript/JavaScript, Python, Django, FastAPI, C#, ASP.NET, MongoDB, Docker, Jenkins, AI/ML, Pydantic
03/2019 – 06/2020	Machine learning microservices Vencortex.io	Full-Stack Developer Team Size 5	Python, FastAPI, PyTorch, Flask, MongoDB, Docker, Jenkins, Google Cloud, Microservices, AI/ML, Pydantic
02/2019 – 06/2020	Self-Service Vencortex.io	DevOps Engineer Team Size 1	Docker, Kubernetes, Python, Bash, PostgreSQL, MongoDB, Jenkins, Google Cloud, LDAP, Angular
02/2019 – 06/2020	AI-powered startup rating portal Vencortex.io	Lead Software Engineer Team Size 5	React, Angular, TypeScript/JavaScript, Python, Django, C#, ASP.NET, MongoDB, Docker, Jenkins, AI/ML
11/2018 – 01/2019	Gridware Flavia IT-Management GmbH	Full-Stack Developer Team Size 12	Java, Spring, PostgreSQL, jOOQ, Docker, Maven, Angular
10/2018 – 02/2019	EspoCRM Flavia IT-Management GmbH	DevOps Engineer Team Size 2	EspoCRM, PostgreSQL, JavaScript, HTML/CSS, Gerrit
05/2018 – 07/2018	Field Service App Flavia IT-Management GmbH	Full-Stack Developer Team Size 1	Ionic, Apache Cordova, Angular, TypeScript/JavaScript, Node.js
04/2018 – 06/2018	InTurn App Flavia IT-Management GmbH	Full-Stack Developer Team Size 2	Angular, Java, Play Framework, PostgreSQL, Docker, Jenkins, Node.js
01/2018 – 02/2018	Repowering App Flavia IT-Management GmbH	Full-Stack Developer Team Size 1	Ionic, Apache Cordova, Angular, TypeScript/JavaScript, Node.js
01/2018 – 09/2018	Web application for natural gas transport GASCADE Gastransport GmbH	Full-Stack Developer Team Size 2	Angular, TypeScript/JavaScript, Java, Spring, Microsoft SQL Server, Docker, Jenkins, Chart.js
12/2017 – 01/2018	Omnitest App by B. Braun Flavia IT-Management GmbH	iOS Developer Team Size 1	Swift, Java, Core Data

PERIOD	PROJECT / EMPLOYER • CLIENT	ROLE • TEAM SIZE	TECHNOLOGIES
10/2017 – 02/2019	Web application for creating appraisal reports Flavia IT-Management GmbH	Full-Stack Developer Team Size 2	Angular, JavaScript, Spring, PostgreSQL, Docker, Jenkins, Node.js
05/2017 – 09/2018	Collaborative Active Learning App (CALA) University of Kassel	Full-Stack Developer Team Size 4	Angular, TypeScript/JavaScript, Python, Django, PostgreSQL, Docker, GitLab, Node.js
03/2017 – 04/2018	ZFL QUAP Flavia IT-Management GmbH	Full-Stack Developer Team Size 2	Angular, TypeScript/JavaScript, Java, Spring, PostgreSQL, Docker, Jenkins, Maven
03/2016 – 12/2017	AMD-Netz Flavia IT-Management GmbH	Full-Stack Developer Team Size 2	Python, Django, MySQL, HTML/CSS
06/2015 – 06/2017	Norris Flavia IT-Management GmbH	Full-Stack Developer Team Size 3	Angular, JavaScript, Grails, MongoDB, Docker, Jenkins, D3.js

PERSONAL PROJECTS

Besides client projects, I build my own applications. They are my playground for new technologies and architectures, and the experience flows directly into my projects.

03/2025 – present

mehmetmuejde.com 

DESCRIPTION

Personal portfolio landing page in macOS style that interactively presents technical expertise, design sense and way of working. Full-stack application based on TanStack Start with server-side rendering for the home page and self-hosted deployment on Kubernetes.

TECH STACK

React TypeScript/JavaScript TanStack Start TanStack Router Node.js
 Tailwind CSS shadcn/ui Zustand Docker Kubernetes Cypress Vitest
 Playwright Hetzner Traefik K3s Zod TanStack Query
 React Three Fiber React Testing Library

11/2025 - present

Idasen Desk Controller [↗](#)

DESCRIPTION

Minimalist macOS desktop app for controlling the IKEA IDÅSEN desk (LINAK) via BLE, with live height data, shortcuts and a native UX/UI focus.

TECH STACK

Go Wails v2 React TypeScript/JavaScript Tailwind CSS shadcn/ui
GitHub Actions BLE Cypress Vitest Playwright Zod TanStack Query
Docker React Testing Library

99 RECOMMENDATIONS

The following recommendations come from clients, project partners, recruiters and colleagues from more than ten years of collaboration. All of them are publicly available in the original on my LinkedIn profile: [linkedin.com/in/mehmetmuejde/details/recommendations](https://www.linkedin.com/in/mehmetmuejde/details/recommendations). The authors are also linked to their own profiles, so every statement can be verified directly at the source.

„Mit Mehmet zusammenzuarbeiten ist eine großartige Erfahrung: Er ist ruhig und klug, nachdenklich und gewissenhaft, direkt, ehrgeizig und zugleich spielerisch. Wir hatten das Vergnügen, gemeinsam mehrere Softwareprojekte mit großem Erfolg umzusetzen.“

Jonas Kilian

[in](#) LinkedIn [↗](#)

Owner

Flavia IT-Management GmbH

„Mehmet wurde durch uns erfolgreich in ein Projekt bei einem renommierten Kunden vermittelt. Bereits ab dem ersten Kontakt zeigte er ein hohes Maß an Professionalität sowie fundiertes fachliches Know-how und eine sehr positive menschliche Art, was den Kunden unmittelbar überzeugte. Wir freuen uns auf eine weiterhin erfolgreiche Zusammenarbeit.“

Orson Dräger

[in](#) LinkedIn [↗](#)

Key Account Manager

Hays

“I hired Mehmet Muejde in a leading consulting role for a web-based AI project in the wind energy sector. His ability of translating requirements into deliverables, both in front- and backend architecture, as well as his deep technological knowledge and agile mindset, greatly sped-up the projects implementation and quality. His mindset of offering multiple technology solutions to a given problem and lending a helping hand on choosing the best one, is key professionalism and fits his full stack expertise. His friendly and professional behaviour - to both internal and external stakeholders, as well as his humor, made working with him a pleasure. I would hire him again without any question!”

Matthias Kube

[in](#) LinkedIn [↗](#)

Key Expert AI, ML and Data Science
ENERCON

„Eine äußerst kontaktfreudige und kompetente Person, zielorientiert und ein Teamplayer!“

Ihab Hussein

[in](#) LinkedIn [↗](#)

Senior Frontend Developer

„Mehmet arbeitet als Freelancer seit ca. 2,5 Jahren für unsere Firma und er ist ein sehr positives Beispiel, wie gut die Zusammenarbeit mit Dienstleistern im Bereich IT funktionieren kann. Gerade in diesem Bereich, Software und IT, wird man als Kunde leider viel zu häufig enttäuscht. Wir sind über alle Maßen zufrieden. Die Weitsicht, technische Expertise, das Mitdenken, die Arbeit und das Ergebnis und auch die Dokumentationen sind tadellos. Er ist überaus höflich und zuvorkommend, was das Profil perfekt abrundet. Die Arbeit spricht für sich, alles funktioniert tadellos, die gemeinsam ausgearbeiteten Konzepte funktionieren wie geplant. Wirklich sehr erfrischend und eine klare Empfehlung.“

Thomas Brock  LinkedIn 

Head of IT and Application Development
OTEC Präzisionsfinish GmbH

„Nicht nur seine Technischen Fähigkeiten sind beeindruckend, sondern auch seine Zwischenmenschliche Art und Weise im Umgang mit anderen Personen in Projekten. Sehr Empfehlenswert und immer positive Rückmeldungen erhalten. Viel Erfolg weiterhin auf deinem Weg als Experte!“

Eric Lamaj  LinkedIn 

Key Account Manager
Etengo

„Wir arbeiten seit über einem Jahr mit Mehmet zusammen und sind mehr als zufrieden mit seiner Arbeit. Es ist immer eine Freude, ein Projekt mit ihm zu beginnen oder abzuschließen.“

Max Aschoff  LinkedIn 

Co-Founder
KBST GmbH

„Mehmet beweist kontinuierlich seine Fähigkeiten in den Bereichen DevOps, Webentwicklung, Projektmanagement und Machine Learning. Insbesondere richtete er das CI/CD-System ein und gab dem Webentwicklungsteam wertvolles Feedback. Darüber hinaus machten sein außergewöhnliches analytisches Denken und seine Offenheit für Feedback ihn stets zu einem herausragenden Teammitglied.“

Dr. Adrian Calma  LinkedIn 

Professional Scrum Product Owner and Active Learning Expert
DB Systel GmbH

„Er ist fachlich wie auch menschlich äußerst kompetent. Die Zusammenarbeit ist stets professionell, effizient und lösungsorientiert. Seine klaren und strukturierten Problem Beschreibungen haben mir im Helpdesk ermöglicht, Anliegen schnell und ohne unnötige Rückfragen zu bearbeiten. Ich kann ihn als Freelancer uneingeschränkt empfehlen..“

Markus Höfelich  LinkedIn 

IT System Administrator
OTEC Präzisionsfinish GmbH

„Ein kompetenter, vielseitiger und zuverlässiger Kollege, mit dem man gerne einen Kaffee teilt. Mehmet spielte mit seinen Fähigkeiten eine entscheidende Rolle beim Aufbau einer soliden Softwarearchitektur und der Sicherstellung einer funktionalen Infrastruktur während unserer Zusammenarbeit. Dank Mehmet konnten wir unser Continuous-Integration-System erheblich verbessern und unser Produkt marktreif machen.“

Moritz Stolz  LinkedIn 

Senior Data Engineer
WINGAS

„Herr Mütjde hat seine Projektaufgaben stets mit großem Enthusiasmus und hoher Einsatzbereitschaft angegangen. Ich habe ihn als einen unabhängigen Denker kennengelernt und schätzen gelernt, der konstruktive Lösungen für vergangene Herausforderungen bietet. Er ist ein echter Teamplayer und ein verantwortungsbewusster Kollege, der auch in stressigen Situationen stets eine freundliche Haltung bewahrt.“

Dirk Weinberger

 LinkedIn 

Account Manager
SPIE ICS

„Ich habe sehr gute Erfahrungen in der Zusammenarbeit mit Herrn Mehmet Mütjde gemacht. Herr Mütjde ist ein hervorragender Softwareentwickler und äußerst begeistert von Technologien. Er verfügt über professionelle Fähigkeiten im Bereich der Künstlichen Intelligenz und der Industrie. Sein Wissen im Software-Engineering entwickelt sich rasant weiter. Als Teamkollege zeichnet er sich durch eine sehr angenehme Persönlichkeit aus.“

Mohammad Wazed Ali

 LinkedIn 

Machine Learning Researcher
University of Kassel

„Mehmet ist ein äußerst verlässlicher, gewissenhafter und talentierter Entwickler. Bei Herausforderungen in der Entwicklung bleibt er beharrlich und findet Lösungen. Neben seiner fachlichen Expertise ist er auch eine sehr hilfsbereite Person. Während unserer Zeit an der Universität unterstützte er zahlreiche Freunde und teilte sein Wissen mit ihnen – mich eingeschlossen.“

Fatih Cevik

 LinkedIn 

Creator
SIGNAL™

„Ich habe Mehmet während unseres Studiums kennengelernt und ihn als äußerst kompetenten, hilfsbereiten und verlässlichen Menschen erlebt. Im Laufe der Zeit ist er als mein Mentor zu einer wichtigen Unterstützung in meiner fachlichen und beruflichen Weiterentwicklung geworden. Seine Fähigkeit, komplexe technische Themen schnell zu durchdringen und verständlich zu vermitteln, hat mir in vielen Situationen weitergeholfen. Mehmet zeichnet sich durch hohe soziale Kompetenz, Geduld und eine ausgeprägte Hilfsbereitschaft aus. Er teilt sein Wissen gerne mit anderen und motiviert sein Umfeld, sich weiterzuentwickeln. Fachlich wie menschlich kann ich ihn uneingeschränkt empfehlen.“

Alexandra-Rahela Mioc

Consultant Digital Transformation and Compliance
nikan.ai

„Ich habe Mehmet im Master kennengelernt und ihn als einen der hilfsbereitesten und geistreichsten Menschen erlebt, mit denen ich gearbeitet habe. Er zeigt ein großes Interesse an neuen Technologien, ist sehr gut organisiert und hält sich stets an Absprachen. Die Zusammenarbeit mit ihm ist jederzeit zuverlässig und angenehm. Auch wenn eine Abgabe oder Deadline einmal nicht eingehalten werden konnte – etwa aufgrund eines Krankheitsfalls – war auf ihn Verlass: Er hat sofort reagiert und die entsprechenden Aufgaben umorganisiert. Ich würde jederzeit wieder mit ihm zusammenarbeiten.“

Kadir Tikil

 LinkedIn 

Junior Software Developer
onOffice GmbH

„Er ist eine sehr kluge und fleißige Person. Wir haben zusammen studiert und sind sehr gute Freunde geworden.“

Gamze Ketenci

 LinkedIn 

Data Scientist

„Mehmet Mürde war für mich in den letzten Monaten eine unglaublich wertvolle Begleitung – jemand, der mich nicht nur fachlich gefördert, sondern auch persönlich inspiriert hat. Durch seine ruhige, reflektierte Art und seine tiefe fachliche Kompetenz hat er mir geholfen, Herausforderungen aus neuen Blickwinkeln zu sehen und meinen eigenen Weg klarer zu erkennen. Ich schätze an ihm besonders seine Offenheit, seine Geduld und sein echtes Interesse an der Weiterentwicklung anderer. Ein Mentor, den man sich nur wünschen kann.“

Ahmed-Tarik Bilgin

 LinkedIn 

Computer Science Student
University of Kassel

WORK EXPERIENCE

Before becoming self-employed, I worked as a software developer in companies and research institutions. Since 2021, I have been working as a freelance senior full-stack developer.

01/2021 – present Kassel, Germany

Senior Full-Stack Developer, Freelancer 

Freelance full-stack development with a focus on modern software architectures, cloud technologies and scalable web applications. Ownership of the entire development process – from planning through implementation to deployment and maintenance.

02/2021 – 01/2022 Kassel, Germany

Software & Machine Learning Engineer, Institute of Intelligent Embedded Systems, University of Kassel 

Development, training and validation of computer vision models (ResNet, few-shot detectors) in deep learning. Use of uncertainty modeling to improve robustness and reliability in real-world applications.

02/2019 – 06/2020 Kassel, Germany

Lead Software & Machine Learning Engineer, Vencortex.io 

Technical lead for scalable ML microservices and the system architecture. Ownership of development, deployment and maintenance of AI-powered applications in cloud environments with a focus on scalability, performance and reliability. *Projects from this time: see “Earlier Projects”.*

06/2015 – 02/2019 Kassel, Germany

Software Engineer, Flavia IT-Management GmbH 

Development of custom enterprise software – from frontend and backend development through component integration to system optimization, with a focus on performance and reliable business processes. *Projects from this time: see “Earlier Projects”.*

12/2014 - 06/2015 Kassel, Germany

Software Engineer, Institute of Intelligent Embedded Systems, University of Kassel [↗](#)

Supervision of a robotics lab course with mini robots and tutorials on C programming. Development of learning materials and hands-on exercises to teach embedded systems programming.

08/2012 - 12/2014 Kassel, Germany

Software Engineer, Institute of Computer Architecture and System Programming, University of Kassel [↗](#)

Development of an MTTF calculation tool for electronic circuits for modeling, lifetime analysis and failure probability simulation - with the goal of improving system reliability and preventing failures early.

12/2011 - 07/2012 Kassel, Germany

Software Engineer, Institute of Renewable Energies, University of Kassel [↗](#)

Simulation of wind turbines - analysis of thermal behavior and eddy currents with Ansys Maxwell and MATLAB to optimize the efficiency and reliability of the turbines.

EDUCATION

Alongside my work as a freelancer, I am studying data science (M.Sc.) part-time at RWTH Aachen University to keep developing professionally.

10/2012 - 08/2021 Kassel, Germany

Computer Science (B.Sc.) University of Kassel [↗](#)

Focus: Deep learning and GANs - applied to image generation and predictive modeling.

Final grade: 1.7

10/2013 - 04/2022 Kassel, Germany

Mechatronics (B.Sc.) University of Kassel [↗](#)

Focus: Intelligent mechatronic systems - robotics, control engineering and industrial manufacturing.

Final grade: 2.3

04/2024 - present Aachen, Germany

Data Science (M.Sc.) (Part-time) RWTH Aachen University [↗](#)

The studies take place outside my working hours, mostly at weekends - my availability for projects is not affected.

Systematic Evaluation of Uncertainty Calibration in Pretrained Object Detectors [🔗](#)

D. Huseljic, M. Herde, P. Hahn, **M. Műjde**, B. Sick

- Study of the uncertainty calibration of pretrained object detectors such as Faster R-CNN and DETR in a multi-class setting
- Framework for a fair and repeatable evaluation, including distribution shift and out-of-distribution data
- Targeted improvement of calibration by fine-tuning the last layer

DOI [10.1007/s11263-024-02219-z](https://doi.org/10.1007/s11263-024-02219-z) [🔗](#)