



ZAHOOR AHMED

Senior Software Engineer · AI Engineer

+49 162 3363430

zahoor_ahmed143@hotmail.com

Mülheim-Kärlich, Germany

Permanent Residency · Deutsch B1

Dear Hiring Manager,

I am writing to express my interest for applied position within your organization. With more than 7 years of experience building enterprise-grade software across telematics, e-commerce, and airline technology, combined with my recent specialization in Applied AI Engineering, I bring a strong combination of software architecture expertise, cloud engineering experience, and practical AI development skills.

Throughout my career, I have designed and delivered scalable applications and microservices using **TypeScript, Node.js, NestJS, Angular, React, Python, Java, PostgreSQL, and AWS**. In my current role at PTC Telematik GmbH, I work on fleet-telematics solutions, developing Angular and TypeScript applications, NestJS backend services, Kubernetes-based microservices, AWS serverless infrastructure, and real-time vehicle tracking services. I am also responsible for CI/CD, observability, scalability, and production reliability.

My recent focus has increasingly shifted toward **AI Engineering and LLM-powered applications**. I have developed hands-on expertise in **RAG architectures, vector-based retrieval, LangChain, LangGraph, LangSmith, AI agents, prompt engineering, and modern foundation models such as OpenAI and Claude**. I am particularly interested in applying these technologies to real business problems while maintaining the engineering principles required for production systems: reliability, security, observability, scalability, and maintainability. I recently completed the **Associate AI Engineer for Developers** certification through DataCamp, further strengthening my practical AI engineering capabilities.

I also bring substantial experience working with **AWS, Docker, Kubernetes, GitLab CI/CD, PostgreSQL, MongoDB, Elasticsearch, Redis, REST APIs, and GraphQL**. My previous work includes architecting a microservices-based automotive e-commerce platform, integrating Amazon and eBay APIs, building airline flight-booking platforms, integrating GDS and airline suppliers, and developing AWS-based systems for high-volume production environments.

What particularly motivates me is the opportunity to combine my established software engineering background with emerging AI technologies. I enjoy taking an idea from architecture and prototyping through implementation, testing, deployment, and continuous improvement. I believe this combination of **strong backend engineering, cloud architecture, frontend experience, and applied AI knowledge** allows me to contribute effectively to teams building intelligent, scalable products.

I am based in Germany, hold **permanent residency**, and have **German language skills at B1 level**. I would welcome the opportunity to discuss how my experience and technical background could contribute to your team.

Thank you for your time and consideration. I look forward to hearing from you.

Best regards,
Zahoor Ahmed