

EMRE ÖZDEMİR






Full-Stack Developer

✉ ozdemiremre@gmx.de 🌐 emreozdemir.com 📍 Igersheim, Germany

SUMMARY

Full-Stack Engineer (**4+ years**) delivering **scalable, production-grade systems** across enterprise and startup environments in Europe. Deep expertise in **frontend architecture, backend systems, and DevOps-driven delivery**. Focused on building **maintainable platforms**, raising engineering standards, and partnering with product and design to ship **high impact solutions**.

PROFESSIONAL EXPERIENCE

-  **Frontend Software Developer** August 2022 — Present
Networker VC (3D Visualization & SAP Consulting) Germany · Full-time
 - Building configurable product configurators (VC-3D Customizing, SeaBob outdoor light) end-to-end on a React + microservices stack.
 - Architecting a modular React 18 + TypeScript frontend with Tailwind, Redux Toolkit, React Hook Form and Three.js for real-time 3D customization.
 - Designing and owning REST microservices, Dockerized services, GitLab CI/CD pipelines and AWS deployments end-to-end.
 - Driving AI-assisted development (LLM APIs) and n8n workflow automation to reduce manual configuration cycles.
 - Raising quality bar with TypeScript, ESLint/Prettier, Storybook, JSDoc, Jest + RTL testing and code review standards.
-  **Full-Stack Developer** April 2022 — July 2022
Clear Systems GmbH (external for Audi) Germany · Full-time
 - Visualized live database data in React.js dashboards using MUI tables and Chart.js, replacing manual report exports.
 - Optimized the Oracle Apex-based vehicle-blocking tracking system used by Audi (Flash me and Go / Lama), improving the operational reporting cycle.
 - Built the Silo Chart app on Oracle Apex: a Windows service writes sensor data into the database, surfaced to customers in live tables and charts.
 - Engineered the Dadabik-Chart reporting tool with Axios + Chart.js + MUI for date-range driven analytics.
 - Maintained the corporate website, installed Oracle on the server, and wrote Python scripts for back-office automation.
-  **Full-Stack Developer · Mentor** June 2021 — March 2022
Clarusway Remote · Freelance
 - Developed full-stack training projects together with trainees, modelling real-world architecture and code-review practice.
 - Delivered structured feedback on trainee projects to improve code quality, testability and delivery speed.
 - Organized and led team-work sessions and 1:1 consultations to coach trainees on technical and career growth.
 - Researched and introduced new technologies into the curriculum so trainees stayed market-relevant.
-  **German integration & technical refresh** August 2016 — March 2021
Bad Mergentheim · Self-directed Germany
 - Reached C1 German, completed diploma recognition in Germany, and self-studied modern web development to transition into software engineering.
-  **First Lieutenant · Military Pilot** 2012 — August 2016
Turkish Air Force, 11th Unit Türkiye
 - Operational CN-235 Casa pilot — personnel, equipment and urgent cargo transport missions.
 - Built deep ownership, discipline, and calm decision-making under load — traits applied directly to engineering on-call and tight delivery windows.

EDUCATION

Bachelor of Science in Computer Engineering

TECHNICAL STACK

Frontend

React, TypeScript, Next.js, Tailwind CSS, Redux Toolkit, React Hook Form, Three.js, MUI, Chart.js

Backend

Node.js, Express, Django, REST, Microservices, Oracle Apex, Python

Databases

PostgreSQL, MongoDB, MySQL, Oracle

Testing

Jest, React Testing Library, Storybook

DevOps

Docker, GitLab CI/CD, AWS, Windows Server

AI / Automation

LLM APIs, n8n workflows, AI-assisted development

Tooling

Git, ESLint, Prettier, JSDoc, Agile / Scrum

Languages

German (C1), English (C1), Turkish (Native)