JUNAID ABBAS MOHAMMED

FULL STACK / FRONTEND / AI ENGINEER

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PROFILE

Experienced Full Stack Engineer with a strong Frontend focus and proven trackrecord in building scalable web platforms, enterprise applications, and AI-powered systems. Hands-on experience working on production systems inenterprise and infrastructure-related environments, with a strong emphasis onreliability, performance, and user-centric design.

CORE SKILLS

React	TypeScript	Next.js
Vue.js	Material UI	Tailwind CSS
React Native	Expo	Node.js
Python	GraphQL	REST APIs
LangChain	Chainlit	Custom Chatbots
MCP servers	Prompt Engineering	Azure
AWS	Docker	CI/CD
Linux	SQL	NoSQL
Git	Microservices	Agile/Scrum

PROFESSIONAL EXPERIENCE

Full Stack Developer, TechSchweiz   **Apr 2025 — Present**

Kiel

- Full Stack developer working on mission-critical systems in the airport domain in collaboration with Honeywell engineers.
- Maintainer of Fieldsim, a JavaScript-based Modbus simulation tool used to validate communication logic across dozens of simulated airport devices before production deployment.
- Updated and extended device simulations to reflect real-world airport infrastructure changes.
- Sole developer of a Reporting & Analytics Tool (Vue 3, Node.js, SQL) providing operational insights, error tracking, and system statistics.

Frontend Developer, Next Data Service AG   **Mar 2023 — Dec 2024**

Berlin

- Migrated a large Vue 2 Webpack application to React 18 with minimal downtime.
- Built internal tools using React, Node.js, and Python to improve productivity and workflows.
- Delivered AI chatbot solutions for enterprises and municipalities using LangChain and Chainlit.
- Mentored junior developers and contributed to backend API development.

Full Stack Developer (Working Student), UNITY AG   **Jul 2021 — Feb 2023**

Hamburg

- Sole developer of a MEVN + Three.js system for remote monitoring of industrial machines.
- Developed internal applications using React, Python, and Azure Kubernetes Service (AKS).
- Managed CI/CD pipelines and microservice deployments.

**Full Stack Developer (Working Student), Wobe
Systems GmbH**   **May 2019 — Jan 2020**

Kiel

- Developed a GDPR-compliant Kanban-style web application using Vue.js, Node.js, GraphQL, and MongoDB.

SELECTED PROJECTS

CorporateGPT

Next Data Service - Berlin

Admin platform for creating document-trained AI chatbots used by companies and municipalities.

UCIP Web App

UNITY AG - Hamburg

Enterprise web platform supporting automation, scheduling, reporting, and role-based AI assistants.

Pushbox

Wobe Systems - Kiel

GDPR-compliant Kanban project management tool hosted in Germany.

Flood Detection using AI

Kiel University

Real-time flood detection model built with Python and TensorFlow.

EDUCATION

Muffakham Jah College of Engineering and Technology, Hyderabad (India)

Bachelor of Engineering in Information Technology

REFERENCES

Available upon request

ADDITIONAL INFORMATION

- **Links:** [Personal Website](), [GitHub]()
- **Languages:** Hindi (Native), German (B1), English (Fluent)