

JUNAID ABBAS MOHAMMED

FULL STACK / FRONTEND / AI ENGINEER

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PROFILE

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

LINKS

[Personal Website](#), [GitHub](#)

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	RPM packaging

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.
- Sole developer of a Reporting & Analytics Tool (Vue 3, Node.js, SQL) providing operational insights, error tracking, and system statistics.
- Handle deployment processes including building RPM packages, deploying to Linux servers, and maintaining applications on Honeywell's internal infrastructure.

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.
- Maintained CI/CD pipelines on GitLab and managed containerized deployments on Azure Kubernetes Service (AKS).
- 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

May 2019 — Jan 2020

GmbH

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

LANGUAGES

Hindi (Native), German (B1), English (Fluent)

REFERENCES

Maik Wojcieszak from Wobe Systems GmbH

mw@wobe-systems.com

Daniela Neumann from Next Data Service AG

[Next Data Service AG](#)