

# 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.

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## **SELECTED PROJECTS**

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### **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.

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## **EDUCATION**

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

Bachelor of Engineering in Information Technology

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## **LANGUAGES**

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

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## **REFERENCES**

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### **Maik Wojcieszak from Wobe Systems GmbH**

[mw@wobe-systems.com](mailto:mw@wobe-systems.com)

### **Daniela Neumann from Next Data Service AG**

[Next Data Service AG](#)