

# Junaid Abbas Mohammed

Full Stack Developer

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Passionate JavaScript developer with extensive experience in React, Vue.js and Node.js. In addition to my professional roles, I've worked on personal projects during my studies, such as building a mobile app for my friend's hostel. Proficient in Next.js, Python & NoSQL/SQL, with hands-on experience using Chainlit and LangChain to create custom chatbots. I value good design and believe that the look and feel of an app are just as important as its core functionality.

## Professional Experience

Next Data Service AG, Berlin  
Frontend Developer

March 2023 — December 2024

- Successfully migrated a complex Vue 2 Webpack project to React.js, ensuring seamless integration with the ongoing Vue.js operations.
- Developed internal tools using React, React Query, Node.js, and Python, streamlining company processes and improving efficiency.
- Led and mentored two frontend working students, instilling best practices in React development while also contributing to backend API enhancements in Python.
- Designed and implemented custom chatbot solutions for German corporations and cities using Chainlit, Langchain, React & Material UI.

Unity AG, Hamburg  
Full Stack developer [part-time/WerkStudent]

July 2021 — February 2023

- Sole developer for a project digitizing industrial machines using MEVN stack and three.js, delivering real-time data for remote monitoring, a critical solution during COVID-19.
- Contributed to internal projects using React, Python, and AKS to improve company processes.
- Maintained deployment process (CI/CD) and Microservices applications in Azure Kubernetes Cluster.

Wobe Systems GmbH, Kiel  
Full Stack developer [part-time/WerkStudent]

May 2019 — January 2020

- Developed web applications using Vue.js, Vuetify and CSS in Frontend, Node.js, GraphQL and MongoDB in the backend.
- Contributed to team discussions, ensuring alignment with project goals and team objectives.

## Education

Bachelor of Engineering in Information Technology  
Muffkham Jah College of Engineering and Technology, Hyderabad

# Projects

## 1. Flood detection using Ai, Kiel

May 2022 — September 2022

Developed an AI model to detect floods in real-time using Python, TensorFlow, Matplotlib, numpy, google colab and gradio for UI.

## 2. Visualization of Fish Larvae, Kiel

November 2022 — March 2023

University project to find and visualize a vast amount of fish larvae data to help marine biologists using Python, Pandas, Leaflet.js and Openstreetmap.

## 3. Cashier App, Kiel

November 2024 — February 2025

Developed a cashier app for a friend's hotel in Morocco to maintain expenses and revenue using React Native, Expo, Firebase, Tailwind CSS and TypeScript.

# Areas of Expertise

- React
- Vue.js
- Python
- Linux
- Docker
- Material UI
- Node.js
- React Native
- Azure AKS
- Git
- TypeScript
- Next.js
- ML/AI
- NoSQL/SQL
- LLM Engineering

# Extra-curricular activities

## Management and leadership in university projects

In my third year of undergrad, I co-hosted an ACM coding event called Blind Coder, where participants coded with their screens off, requiring strong communication, organization, and programming skills. Later, during my master's, I led a team of 4 in developing a web app with interactive maps, managing the development with Vue.js and Node.js while overseeing project documentation.

# References

Daniela Neumann from Next Data Service AG

[danielaatwork@gmail.com](mailto:danielaatwork@gmail.com) · (English, German, Spanish)

Maik Wojcieszak from Wobe Systems GmbH

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