

SHAFAY AZEEM

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SUMMARY

Driven software engineer with a dual focus on scalable systems and applied AI, blending academic rigor from FAU Erlangen-Nuremberg's AI master's program with production-grade development experience. Specializes in bridging cutting-edge research with practical implementation, particularly in optimizing full-stack architectures (Node.js/Django/React) for performance-critical applications. Passionate about solving complex problems at the intersection of distributed systems and machine learning, with a proven ability to translate technical concepts into business-impacting solutions.

EXPERIENCE

Working Student – Software Development

Sixlogs Technologies (Remote)

Sep 2024 – Present

- Developed SaaS applications using Angular, Node.js, and Django, improving user experience.
- Optimized backend operations for AWS-deployed applications with **10,000+** users, enhancing performance.
- Collaborated in an Agile team, ensuring timely feature delivery and high-quality standards.

Full Stack Developer

11/2023 – 09/2024

- Improved API response times by **40%** and front-end responsiveness by **25%** using React.js.
- Reduced CI/CD deployment errors by **20%** by streamlining workflows.
- Optimized SQL queries and database schemas, enhancing data retrieval efficiency.

React Native Developer

Manhattan DataNet LLC

08/2023 – 09/2023

- Built a cross-platform social app with React Native & Redux, increasing user engagement by **15%**.

Mobile Applications Developer

AKDN Digital Health Resource

01/2022 – 07/2022

- Developed mobile apps with geolocation integration, boosting user retention by **15%**.
- Received consistent positive feedback for reliability and intuitive UI/UX.

KEY SKILLS & COMPETENCIES

Programming Languages: Python, JavaScript, TypeScript, Java, SQL (PostgreSQL, MySQL), C++.

Frontend: React.js, Angular, Vue.js, React Native, Redux, HTML, CSS, Tailwind CSS.

Backend: Node.js, Django, Express.js, RESTful APIs, GraphQL, TypeORM.

Databases: MongoDB, PostgreSQL, MySQL.

Tools & DevOps: Git, GitHub Actions (CI/CD), Docker, AWS (Basic), Heroku, Vercel, Postman.

Practices: Agile (Scrum), OOP, SOLID Principles, Clean Architecture, UI/UX Design.

EDUCATION

M.Sc.in Artificial Intelligence

FAU Erlangen-Nuremberg

Oct 2024 – Present

B.E. in Computer Systems Engineering

NED University

Oct 2019 – Oct 2023

PROJECTS

- NLP & ML-Powered Collaboration Platform – Enhanced productivity using NLP, machine learning, Node.js, and Django.
- Stripe-Integrated Dealer Web Panel – Built a scalable financial system with React, Node.js, and Stripe API.
- E-commerce Platform for Amzify Solutions – Developed a responsive web app using React.js.

Certifications

Advanced SQL | React Native + Hooks | Node.js Complete Guide.