

SHAIKH REZWAN

Full Stack Developer

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Backend-focused Full Stack Developer with experience in building scalable, data-driven applications and distributed systems. Currently working at SAP, contributing to backend services, data extraction pipelines, and cloud-based infrastructure.

Skilled in JavaScript/TypeScript, Python, and microservice-oriented development, with hands-on experience in Docker, Kubernetes, CI/CD pipelines, and real-time data handling. Strong interest in designing reliable, scalable systems and improving system performance in production environments.

TECHNICAL SKILLS

- **Programming:** JavaScript (ES6), TypeScript, Python
- **Backend & Architecture:** Node.js, Express.js, Prisma, REST APIs, Microservices
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Cloud & DevOps:** Docker, Kubernetes, Azure Databricks
- **CI/CD & Tools:** Jenkins, GitHub Actions, Git
- **Data & Systems:** ETL Pipelines, Data Processing, API Integration
- **Frontend (Secondary):** React, Next.js, Angular, Vue

PROFESSIONAL EXPERIENCE

Working Student - Intelligent Search Developer

May 2024 - Present

Company: SAP, Walldorf, Baden-Württemberg

- Develop and maintain backend services and data extraction pipelines for large-scale search systems.
- Process structured and unstructured data to improve search accuracy and system performance.
- Work with Azure Databricks for data transformation and analysis in distributed environments.
- Support containerised deployments using Docker and Kubernetes.
- Contribute to CI/CD pipelines (Jenkins) for automated deployment and system reliability.
- Collaborate in Agile teams to improve scalability and optimise system performance.

Student Assistant - Web Developer

May 2024 - August 2024

Company: DZHW (German Centre for Higher Education Research and Science Studies)

- Built data-driven dashboards using JavaScript and REST APIs for real-time data visualisation.
- Improved performance of web applications, reducing load times by 20%.
- Worked closely with teams to deliver reliable and maintainable frontend solutions.

PROJECTS

Explore Nest - Full Stack Platform: [Live Link](#) | [Frontend Repository](#) | [Backend Repository](#)

- Developed backend services and APIs using Node.js and MongoDB.
- Implemented authentication and secure data handling using JWT.
- Designed scalable application structure supporting multiple user roles.

Travel Buddy io - Ride Sharing System: [Live Link](#) | [Frontend Repository](#) | [Backend Repository](#)

- Built scalable backend services with Express.js and MongoDB.
- Improved data retrieval performance and API efficiency.
- Designed system architecture for handling real-time user interactions.

EDUCATION

M.Sc. in Digital Engineering - Otto von Guericke University Magdeburg, Germany.

Master's Thesis: Code Generation for Web Automation using LLMs

- Developed a backend system using Python (FastAPI) for automated code generation.
- Designed data flow pipelines for structured input/output handling.
- Integrated LLMs for intelligent automation processes.

Academic Project: Blogging Website

- Built a blogging website using HTML, CSS, PHP, and MySQL, where users can post, share, and comment.

LANGUAGES

- **English** - Fluent
- **German** - Intermediate
- **Bengali** - Native