

# Rahiq Al Makhtum

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## PROFESSIONAL SUMMARY

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Full stack developer with 3+ years of experience designing and building web applications using React, Node.js, and Python. Skilled in developing backend APIs, form-driven workflows, and scalable data systems. Holds a Software Engineering degree from Sichuan University and has worked across Bangladesh, Germany, and China. Fluent in English, with working proficiency in German and Chinese. Actively seeking a full stack or backend-focused role where I can contribute to meaningful, user-facing products.

## WORK EXPERIENCE

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### Full Stack Developer *Jan 2025 – Present*

[Diganta Homes Limited](#) | Chattogram, Bangladesh

- Built and maintained form-driven workflows using React and RESTful backend APIs, handling end-to-end data submission for property management processes.
- Reduced form submission errors by ~35% by implementing structured input validation and error-handling logic on both frontend and backend.
- Collaborated with the backend team to design and optimize data storage schemas, improving query performance for high-frequency form submissions.

### Software Engineer Intern *Jan 2021 – Jun 2021*

[Chengdu Suncaper Data Co. Ltd.](#) | Chengdu, China

- Led development of a Java-based e-commerce platform capable of managing large-scale product inventories with fast search and filtering.
- Optimized backend database queries, achieving measurable improvements in search response time and overall user navigation speed.
- Authored comprehensive technical documentation and analytics reports that guided engineering decisions and system improvements.

### IT Engineering Intern *Feb 2022 – May 2022*

[Kabir Steel Re-Rolling Mills Ltd.](#) | Chattogram, Bangladesh

- Monitored and resolved network connectivity issues, improving system uptime across the office infrastructure.
- Assisted in hardware configuration and authored detailed IT installation documentation adopted by the team.

### Technical Assistant *May 2024 – Nov 2024*

[Passauer Neue Presse](#) | Passau, Germany

- Maintained production system uptime through proactive fault diagnosis and troubleshooting in an automated print environment.
- Managed inventory systems and supported logistics dispatch operations, ensuring data accuracy in distribution logs.

## PROJECTS

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### COVID-19 Vaccination Management System — *Bachelor's Thesis*

- Designed and developed a full-stack vaccination tracking platform to manage patient registrations, dose scheduling, and reporting.
- Built with Java backend and relational database; included an admin dashboard for real-time status monitoring across facilities.

### Java E-Commerce Platform

- Developed during internship at Suncaper Data; handled large-scale inventory management with optimized search and product filtering.
- Improved backend query performance resulting in faster product lookups and smoother user navigation experience.

## EDUCATION

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### **M.Sc. Computer Science (Coursework Completed)** *Oct 2023 – Sep 2024*

University of Passau | Passau, Germany

*Specialized in data integration, automation tools, and European research methodologies. Coursework completed; degree not conferred.*

### **B.Eng. Software Engineering** *Mar 2018 – Dec 2021*

Sichuan University | Chengdu, China

*GPA: 3.27 / 4.0 | Thesis: COVID-19 Vaccination Management System*

## SKILLS

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**Languages:** Java, Python, JavaScript, TypeScript (basic)

**Frontend:** ReactJS, Tailwind CSS, DaisyUI, HTML/CSS

**Backend:** Node.js, Express.js, Django, REST APIs

**Databases:** MongoDB, MySQL, PostgreSQL

**Tools & DevOps:** Git, GitHub, Railway, Docker (basic)

**Spoken Languages:** English (Fluent), German (Intermediate), Chinese (Intermediate)