

MUHAMMAD EHTESHAM UZ ZAFAR JAN

Working Student / Internship

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Professional Experience

April 2024 – Dec 2024
Karachi, Pakistan

Software Engineer (Full-time - Remote)
[Share Mobility](#)

- **System Optimization:** Developed CSV automation (Angular, Python), enhancing scheduling by **35%**; integrated **ChatGPT** for Share Assistant.
- **Performance & Security:** Improved backend performance by **40%**, reduced vulnerabilities by **60%** (AWS WAF, rate limiting).
- **Deployment & UX:** Automated **CI/CD** (Terraform), improved email delivery by **25%** (SendGrid migration), and boosted user satisfaction by **20%**.

Oct 2023 - Dec 2023
Karachi, Pakistan

Junior MERN Stack Developer (Full-time – Onsite)
[DotClick](#)

- **Full-Stack Development:** Built REST APIs with Express and responsive frontends using React.js, Next.js, and TypeScript.
 - **Performance Optimization:** Improved efficiency with Redux, MongoDB, and SQL.
 - **Advanced Features:** Enabled cryptocurrency payments and enhanced chatbot NLP with Google's BARD API.
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Education

Oct 2024 – Present
Dresden, Germany

Masters in Distributed Systems Engineering
Technische Universität Dresden

Sept 2020 - June 2024
Karachi, Pakistan

Bachelors in Software Engineering (1.4/1.0 Sehr Gut)
FAST NUCES
Achievements: Bronze Medalist, Cum Laude.

Skills

- **Frontend:** React, React Native, Next.js, Angular, HTML, CSS (Bootstrap, Tailwind)
- **Backend:** Python (Flask, FastAPI), Java, JavaScript, TypeScript, Node (Express, Nest), Git, Linux
- **Databases:** PostgreSQL, Firebase, MySQL, MongoDB, Oracle, Redis, Elastic Search
- **DevOps Tools:** Docker, Kubernetes, Azure, AWS, DuploCloud
- **Soft Skills:** Leadership, Collaboration, Problem-Solving, Critical Thinking

Personal Projects

Sept 2023 – April 2024

SyncFlow (Recruitment Automation System)

- **Automated Hiring Workflow:** Built a React Flow-based system for real-time job application tracking and transparency.
- **Advanced Features:** Implemented Google OAuth, location-based hiring with reverse geocoding, and AWS S3 for document management.
- **Performance Optimization:** Enhanced front-end with Redux Toolkit and deployed scalable Next.js and Nest.js applications on Vercel and Azure.

Nov 2023 - Dec 2023

STEAKIN (Restaurant Management System)

- **Streamlined Restaurant Management:** Designed a dynamic web-based system to optimize customer and restaurant management operations.
- **Enhanced Customer Experience:** Developed a customer portal enabling users to view menus, place orders, and reserve seating seamlessly.

Certifications

- [The Complete Web Development Bootcamp](#)
- [Docker Training Course for the Absolute Beginners](#)

Languages

English (C1), German (A1, currently learning)

Hobbies

Outdoor Sports (Football, Badminton, Tennis), Video Games, Chess, Reading



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