

Waghib Ahmad

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PROFESSIONAL SUMMARY

Full Stack Developer with expertise in the MERN stack, passionate about building scalable web applications. Exploring LLMs and AI-driven solutions while continuously enhancing skills through projects, workshops, and coding events. Looking to contribute to a dynamic team and drive impactful solutions.

EDUCATION

FAST National University of Computer and Emerging Sciences

Pakistan

Bachelor of Science in Computer Science

Sep. 2021 – June 2025

EXPERIENCE

FAST National University of Computer and Emerging Sciences

Oct. 2023 – Dec. 2023

Teaching Assistant

- Designed and optimized Oracle DB schemas for key modules, including Employee Management, Shift Scheduling, Payroll Management, and Reports Generation, ensuring efficiency and scalability.
- Conducted hands-on sessions on Database Systems, guiding students in SQL and PL/SQL to strengthen their practical understanding and problem-solving skills.

PROJECTS

QuickAid | React Native, React, Firebase, Node.js, Express.js, PostgreSQL

Oct. 2024 – Present

- Developed a React Native app to connect trained volunteers with emergencies, reducing response times.
- Integrated Firebase for authentication and real-time GPS tracking for accurate volunteer dispatch.
- Designed a PostgreSQL schema and built a Node.js/Express.js backend for efficient data management.
- Addresses 50% of preventable deaths caused by delayed first aid.

E-commerce Store | React.js, Node.js, CI/CD, Terraform, Docker, Kubernetes

Nov. 2024 – Dec. 2024

- Developed a full-stack E-commerce platform with React.js, Node.js, and Express.js.
- Implemented cloud-native infrastructure on AWS using Terraform, Docker, and Kubernetes.
- Established CI/CD pipelines with automated testing and security measures, ensuring 99% system reliability.

PlannerAI | FastAPI, OpenAI Whisper, Google Gemini, PostgreSQL, Google Calendar

Jan. 2024 – Feb. 2024

- Developed a Chrome extension that converts speech into structured task reminders using OpenAI Whisper and Google Gemini AI.
- Built a FastAPI backend with SQLAlchemy and PostgreSQL for secure, persistent storage.
- Integrated Google Calendar API for automatic task synchronization, smart date parsing, and reminders.

AWARDS & HONORS

- AKU-EB Merit Scholarship** (2017) – Awarded a merit-based scholarship for achieving over 70% marks in Matriculation and Intermediate.

TECHNICAL SKILLS

Web Development: JavaScript, React.js, Node.js, Express.js, FastAPI, Firebase, SQL, MVC Architecture

DevOps Engineering: Docker, Kubernetes, Terraform, AWS, Google Cloud, CI/CD

Machine Learning & AI: RNN, LSTM, PyTorch, NLP (Transformers, LLMs, Generative AI)

Databases: PostgreSQL, MySQL, MongoDB, Firebase Firestore

Developer Tools: Git, GitHub, VS Code, PyCharm, Eclipse