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. Seeking to leverage my expertise in Full Stack Development and AI-driven solutions to drive innovation in a fast-paced, tech-forward team.

EDUCATION

FAST National University of Computer and Emerging Sciences   Sep. 2021 – June 2025
Bachelor of Science in Computer Science   *Pakistan*

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 SQL/PL-SQL sessions, assisting 50+ students and improving course completion rates.

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 time by 30%.
- * Integrated Firebase for authentication and real-time GPS tracking for accurate emergency response.
- * Designed a PostgreSQL schema and built a Node.js/Express.js backend for efficient data management.
- * Aims to reduce preventable deaths caused by delayed first aid by 50%.

MernStore | 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 (95%–98.5% accuracy) 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, ensuring tasks and reminders are added to Google Calendar in real-time.

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
Cloud & DevOps:: Docker, Kubernetes, Terraform, AWS, Google Cloud, CI/CD
AI & ML: NLP, Transformers, Generative AI, PyTorch
Databases: PostgreSQL, MySQL, MongoDB, Firebase Firestore
Developer Tools: Git, GitHub, VS Code, PyCharm, Eclipse