

WAGHIB AHMAD

Backend Developer

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PROFILE

Backend Developer with 1+ years of professional experience in architecting scalable APIs, distributed microservices, and intelligent workflows.

Delivering high-impact software across the e-commerce, marketing, and public safety sectors through robust engineering and efficient system design.

PROFESSIONAL EXPERIENCE

Backend Developer, LAB23 Technologies

Jul 2025 – Present | Lahore, Pakistan

- Developed the platform-side architecture for Zanderio AI, a B2B agentic sales engine, by integrating AI workflows and automated order tracking systems that bridge the gap between real-time customer inquiries and product conversions, effectively reducing cart abandonment rates and enhancing engagement for e-commerce platforms.
- Optimized backend performance for Reinfluenced, an influencer marketing platform serving 20,000+ creators and 500+ brands, by resolving N+1 query bottlenecks and refactoring database interactions, achieving a 30-50% reduction in API latency.
- Automated the entire agricultural loan lifecycle by connecting separate sales, storage, and credit systems into one synchronized workflow. Solved the issue of slow, manual data entry by building automated triggers that move information instantly between platforms, significantly speeding up loan processing and eliminating the need for manual handoffs across the lending pipeline.

PROJECTS

QuickAid, Node.js, Express.js, PostgreSQL, React, Firebase, Maps

Oct 2024 – May 2025

- Engineered a RESTful API and PostgreSQL schema to facilitate real-time volunteer dispatch for emergency reporting, ensuring high-availability for critical life-safety communications.
- Optimized database performance and transactional consistency using Sequelize, allowing for sub-second lookups during high-concurrency incident reporting events.
- Implemented secure Firebase authentication and real-time mapping integrations, effectively reducing incident handling time for emergency response teams.

Planner AI, Node.js, Fast API, Whisper, Gemini, PostgreSQL

Jan 2024 – Feb 2024

- Developed an AI-driven Chrome extension that utilizes Whisper and Gemini AI to transform natural language speech into structured calendar tasks, automating the personal scheduling process.
- Architected a hybrid backend using FastAPI for high-performance AI processing and Node.js for chat workflows, ensuring a seamless, low-latency user experience across all interactions.
- Integrated Google Calendar API with advanced NLP-based parsing to achieve real-time, automated task synchronization, reducing manual entry time for users.

EDUCATION

National University of Computer and Emerging Sciences [FAST
NUCES], Bachelors in Computer Science

Sep 2021 – Jun 2025

SKILLS

Languages — JavaScript, TypeScript, Python, C/C++ | **Backend** — Node.js, Express.js, FastAPI, Django, REST APIs, MVC Architecture | **Cloud & DevOps** — Docker, Kubernetes, Terraform, AWS, Azure, CI/CD (GitHub Actions) | **Databases** — PostgreSQL, MongoDB, MySQL, Firebase Firestore, Supabase | **Tools** — Git, GitHub, Slack, Clickup, Sentry, Cursor, Postman, Linux CLI, HubSpot

AWARDS

Scholarship, Agha Khan Examination Board

- Merit-Based Scholarship in Matriculation & Intermediate (2018-2021) for retaining above 70% marks.