

MUZAFFAR ALI

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Technical Skills

Languages: C/C++, Java, Python, SQL, PHP
Web: HTML, CSS, JavaScript, ReactJS, NodeJS, ExpressJS, Laravel
Databases & Storage: PostgreSQL, Supabase, NeonDB, MongoDB, Redis, AWS S3, AWS RDS
Server & Cloud: AWS EC2, AWS CloudFront, Apache Kafka
Server Monitoring & Logging: Grafana, Prometheus, Loki
AI/ML Concepts: Retrieval-Augmented Generation (RAG)
Design Tools: Figma, Canva

Education

FAST-NUCES **Aug 2022 – Present**
Bachelor of Computer Science *Karachi, Pakistan*

Experience

Full-Stack Developer (Contract)

Logistics & Courier Platform — NDA Protected | Remote | **Nov 2025 – Present**
Tech Stack: Next.js (TypeScript), Node.js, Express.js, Apache Kafka, AWS EC2, AWS S3, AWS RDS, AWS CLOUDFRONT

- Contributing to the development of a **microservices-based logistics and courier platform** under NDA.
- setting up **Apache Kafka** for event-driven communication between distributed services.
- Implemented backend logic using **Node.js** and **Express.js**, including database-related workflows.
- Integrated backend REST APIs with a **Next.js (TypeScript)** frontend.
- Developed and optimized responsive UI components to ensure **cross-device compatibility**.
- Collaborated closely with the client while maintaining **NDA compliance** and production stability.

Backend Intern

Tapmad | Onsite / Remote | **Jun 2025 – Aug 2025**
Tech Stack: Node.js, Express.js, ReactJS, MySQL, Redis, AWS S3, Laravel, Grafana, Prometheus, Loki, RAG

- Developed **TapBot**, an AI chatbot using **RAG**, with backend services in Node.js/Express, database integration using MySQL, caching with Redis, and secure asset storage in AWS S3.
- Built frontend components with **ReactJS (SSR)** for performance and SEO.
- Created a **Job Scheduling Dashboard** in Laravel with automated API execution and queue monitoring using Laravel Horizon.
- Configured **Grafana, Prometheus, and Loki** for logging, monitoring, and backend performance tracking.

Full-Stack Developer (Contract)

AL-Fatimi Cooperatives | Remote | **Oct 2025 – Dec 2025**
Tech Stack: Next.js (TypeScript), Tailwind CSS, REST APIs

- Maintained and enhanced a **production-level cooperative society web application** built with **Next.js** and **TypeScript**.
- Developed and integrated **backend REST APIs** to support evolving business requirements.
- Implemented **print and PDF generation** features for form submissions and financial reports.
- Built complete **CRUD functionality** including listing, add, edit, and delete operations.
- Improved UI consistency, data handling, and overall application usability during ongoing maintenance.

Backend Developer (Freelance)

GP Shah Distributions – Wholesale Platform | Remote | **Jul 2025 – Oct 2025**
Tech Stack: Node.js, Express.js, PostgreSQL, AWS S3, AWS CloudFront, AWS EC2

- Developed backend services using **Node.js** and **Express.js** for a wholesale e-commerce platform.
- Designed and implemented **RESTful APIs** for products, orders, users, and admin operations.
- Managed database design and CRUD operations using **PostgreSQL**.
- Integrated **AWS S3** for image storage and **CloudFront** for fast content delivery.
- Implemented authentication, authorization, and role-based access control.
- Deployed backend services on **AWS EC2** and collaborated with frontend teams for API integration.