Muhammad Arslan

Full-Stack Developer | Backend Focused | System Design Enthusiast

- Gold Medalist
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EDUCATION

BS Computer Science

Capital University of Science and Technology, Islamabad

2019 – 2013

EXPERTISE

Frontend

- ReactJS / NextJS – 2 years
- Tailwind CSS – 2years
- ShadcnUI / DaisyUI
- Custom Trees / Graphs

Backend

- Node.js- 3 years
- NestJS- 1 year
- Rust- 1 year
- PostgreSQL / MongoDB
- Prisma / Drizzle ORM
- Redis / BullMQ / Kafka

Infra & DevOps

- Docker
- Github Actions
- AWS- EC2 / S3
- Vercel / Cloudflare

PROFILE

Full-Stack Developer with **3+** years of experience in **React, Node.js**, **NestJS**, and **PostgreSQL**. Skilled in building both clean frontend UIs and robust backend systems. Passionate about **System Design** and exploring **AI Integrations** in real-world SaaS projects. Focused on building scalable, backend-heavy applications with strong architecture.

EXPERIENCE

Full Stack Developer

Leed Pakistan, Islamabad — 2023 – present

Worked on full-stack projects for both internal and international clients. Built an invoice system using **Node.js**, **Express**, and **React**. Later contributed to Techless.com (U.S. client) by developing admin and parental portals, using **Node.js**, **PostgreSQL**, **MQTT**, and **Prisma** for real-time sync. Recently led development of a Shopify checkout rules app (Besure Checkout rules) using **React (Vite)**, **Rust (Shopify Functions)**, and **Node.js**, focusing on **Scalable Architecture** and direct merchant collaboration.

- Built core features for Techless parental and admin portals supporting **5,000+** Android devices.
- Collaborated in a **10-person Agile team**, participated in code reviews, and improved communication with US-based clients.
- Delivered backend features using **PostgreSQL + Prisma ORM**, and maintained React/Angular UIs.
- Contributed to a property listing platform with multi-role dashboards (Admin, Agents, Users) using React, Node.js, and **Sequelize**.
- Currently leading feature planning and support for a production-grade Shopify app using **Rust (Shopify Functions)**, **React + Vite**, and **Express + Prisma**.
- Handle **merchant queries**, guide on complex rule setup, and plan & implement new feature requests.
- Maintained and extended a **well-architected codebase**, adhering to **industry standards and scalability patterns.**

Freelance Full-Stack Developer

Remote, Pakistan — 2022 – present

Worked across diverse full-stack freelance projects for both local and international clients. Built a complete workflow and invoice management system for a local printing press using **React**, **MongoDB**, **WebSockets**, and a **custom SCUM-based UI** to streamline daily operations. For AreekaWeb.com, a therapy consultation platform, developed a robust backend in **NestJS** with **PostgreSQL (via Prisma)**, **Redis, BullMQ, AWS S3, and Zod** for validation.

- Implemented **WebSockets** for real-time, bi-directional communication between frontend and backend servers.
- Emphasized **clean architecture**, **Swagger API** documentation, and modular code design.
- Maintained production deployments and ensured smooth collaboration using **Agile practices.**