

Amjad Ali

Full Stack Engineer | Software Engineer | MERN Stack Developer

+923033663070 | amjadpitafi070@gmail.com | linkedin.com/in/amjadali070 | github.com/amjadali070 | [portfolio](#)
Karachi, Pakistan

PROFESSIONAL SUMMARY

Full Stack Software Engineer with over three years of experience designing, building, and shipping scalable web applications on the MERN stack (MongoDB, Express, React, Node.js), from responsive front-end interfaces to back-end services, databases, and cloud deployment. Track record of improving system performance and team efficiency through optimized APIs, database queries, and CI/CD automation. Skilled in TypeScript, RESTful/microservices architecture, and relational and NoSQL databases, with experience owning features from system design through production deployment in Agile environments.

TECHNICAL SKILLS

MERN Stack: MongoDB, Express.js, React, Node.js, Redux, TypeScript
Languages: JavaScript, TypeScript, Python, SQL, Java, C++
Front-End: React, Next.js, Redux, Tailwind CSS, Material UI, Chakra UI, HTML5, CSS3, Vite
Back-End: Node.js, Express, FastAPI, Django, RESTful APIs, GraphQL, Microservices, BullMQ, Socket.io
Databases: MongoDB, PostgreSQL, MySQL, Redis, pgvector
DevOps & Cloud: Docker, Docker Compose, CI/CD, GitHub Actions, AWS, GCP, Azure, Git
Testing & Practices: Jest, Vitest, Cypress, TDD, Agile, Scrum, SDLC, System Design
Other: OpenAI/Gemini API Integration, LLM-based Features, JWT Authentication, Stripe/Payment Gateways

PROFESSIONAL EXPERIENCE

Alvi Global Enterprises (AGE)

Karachi, Pakistan

Senior Software Engineer

September 2025 – Present

- Led end-to-end development of **Startup Ninja**, a MERN-based multi-tenant B2B SaaS platform built on 8+ microservices; designed a CRM lead-management module and document-generation feature that significantly improved lead follow-up efficiency.
- Containerized services with Docker; used Redis Pub/Sub and BullMQ for background jobs and Stripe billing sync, reducing background job processing time; secured APIs with JWT rotation, token blacklisting, CSRF protection, and bcrypt hashing.

eSanad (Contract)

Remote (UAE)

Software Engineer

April 2025 – September 2025

- Designed and delivered features on a MERN-stack insurance CRM, building organization/employee management and motor/travel insurance modules integrated with third-party APIs (Adamjee, Watania, Insurance House).
- Integrated the Tap Payments gateway and automated policy issuance via payment-status validation, significantly reducing manual policy-processing time; optimized MongoDB queries, improving average API response times.

MartechSol

Karachi, Pakistan

Software Engineer

October 2024 – April 2025

- Built a full-featured HRM system and a CRM from scratch on the MERN stack, covering Attendance, Payroll, Finance, RBAC, and Ticketing, substantially reducing manual HR processing time.
- Developed responsive interfaces with React, Redux, TypeScript, and Tailwind CSS; designed RESTful APIs and implemented CI/CD pipelines that cut deployment time and improved MongoDB query response times.

CharCentric

Remote (UAE, Abu Dhabi)

Software Engineer

August 2023 – August 2024

- Contributed to RMG LMS (React, Node.js, MongoDB, AWS S3): built a complex quizzing system and automated certificate issuance, improving course-completion tracking efficiency.
- Built full-stack analytics dashboards for APCO Worldwide: React front-ends over optimized Node.js services, integrating backend data pipelines that improved reporting turnaround time.

EDUCATION

Mohammad Ali Jinnah University

Karachi, Pakistan

M.S. Computer Science (CGPA 3.97/4.00)

September 2024 – July 2026

- Specializing in software systems and applied machine learning; thesis on NLP-based translation and summarization of legal documents (Urdu & Sindhi).

Sukkur IBA University

Sukkur, Pakistan

B.S. Computer Science (CGPA 3.11/4.00, Distinction)

August 2019 – September 2023

- Focused on software engineering, data structures, and algorithms; completed a capstone project on intelligent systems recognized for innovation.

KEY PROJECTS

Startup Ninja | React, TypeScript, Node.js, MongoDB, Redis, Docker

- Multi-tenant B2B SaaS with an 8+ service microservices backend, a CRM lead-management module, a document generator, a no-code website builder (GrapesJS), Stripe billing, and Docker-based deployment.

GPAnalytics Dashboard | React, Node.js, MongoDB, ETL

- Financial analytics platform for 200+ hospitals; engineered ETL pipelines and document-ingestion workflows converting unstructured financial documents into structured KPIs, cutting manual reporting effort by **40%**.

Smart Analytics Dashboard (SnowHeap) | React, Node.js, ETL

- Full-stack analytics dashboards for APCO Worldwide; built ETL pipelines to ingest and transform multi-source data, surfaced through intuitive React interfaces.

eSanad CRM & Website | React, Node.js, Express, MongoDB, Tap Payments

admin.esanad.com

- Insurance CRM and corporate site; delivered organization/employee management and motor/travel insurance modules integrated with third-party insurer APIs and the Tap Payments gateway, automating policy issuance via payment-status validation.

RMG LMS | React, Node.js, MongoDB, AWS S3

- Learning management platform with a complex quizzing engine, course progress tracking, automated certificate issuance, and S3-backed image/video rendering.

HRM Portal | React, TypeScript, Node.js, MongoDB, CI/CD

- Full-featured HR system covering Attendance, Payroll, Finance, RBAC, and Ticketing, plus an integrated CRM optimizing internal sales operations; both deployed via CI/CD pipelines.

MS Thesis – AI-Driven Legal NLP (Sindhi & Urdu) | Python, PyTorch, mBART-50, mT5, Hugging Face

- Fine-tuned transformer models to translate and summarize Supreme Court of Pakistan legal documents; handled dataset curation, experimentation, and constrained decoding. Presented as a poster at IEEE HTC 2026.

CERTIFICATIONS & ADDITIONAL

Mastering Big Data Analytics – Great Learning, Dec 2025 (Credential ID: HRABPYXS)

Gemini API by Google – Udacity, Jun 2024

Learning Full-Stack JavaScript Development: MongoDB, Node, and React – LinkedIn Learning, Jul 2023

Introduction to MongoDB – MongoDB University, Jun 2023 (Credential ID: MDB5j5kr5ffez)

Introduction to Front-end Development with ReactJS – Coursera, Feb 2023 (Credential ID: USAW78LSYV5C)

Node.js Backend Basics with Best Practices – Coursera, Feb 2023 (Credential ID: BF44X7AFBV4R)

TypeScript in React: Get Started – Coursera, Feb 2023 (Credential ID: 6T4NNEAA28EW)

Languages: English (Professional), Urdu (Native), Sindhi (Native)