SAMIULLAH

Full-Stack Software Engineer

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Email | Portfolio | LinkedIn | GitHub

PROFESSIONAL SUMMARY

Full-Stack Software Engineer with 3+ years of hands-on experience designing, developing, and deploying scalable web, mobile, multi-tenant SaaS, ERP, and e-commerce platforms. Strong expertise in TypeScript, Next.js, React, NestJS, Node.js, Flutter, PostgreSQL, Redis, and modern API architecture, complemented by Docker, Kubernetes, GitHub Actions CI/CD, Linux/VPS infrastructure, and observability with Prometheus and Grafana. Background in networking, cybersecurity, and applied AI enables end-to-end ownership from system architecture and database design through deployment, monitoring, and production operations.

CORE TECHNICAL SKILLS

Frontend & Mobile: TypeScript, JavaScript (ES6+), Next.js, React, Flutter, Dart, Tailwind CSS, Responsive UI, State Management

Backend & APIs: Node.js, NestJS, Express.js, RESTful APIs, WebSockets, Webhooks, RBAC, Multi-Tenant Architecture, BullMQ

Databases & Caching: PostgreSQL, Prisma ORM, MongoDB, Supabase, Firebase, MySQL, Redis, Schema Design & Query Optimization

Cloud, DevOps & Infra: Kubernetes, Docker, GitHub Actions (CI/CD), VPS Setup & Administration, Cloud Hosting, Site Migrations, Automated Backups, Linux, DNS/SSL, Nginx, Prometheus, Grafana

AI, Security & Tooling: Python, TensorFlow, Applied AI Integration, AI-Assisted Development, Agentic Workflow Automation, Claude Code, OpenAI Codex, Cursor, GitHub Copilot, Git, Cybersecurity, Network Security

WORK EXPERIENCE

Full-Stack Engineer | Medsal Studio **01/2026 – Present**

Full-Time • Gujranwala, Pakistan

- Architect and deliver scalable multi-tenant SaaS, ERP, web, and cross-platform mobile applications using Next.js, NestJS, Flutter, PostgreSQL, and Supabase.
- Design modular RESTful APIs, normalized relational schemas, role-based access control (RBAC), and asynchronous background job queues with Redis and BullMQ.
- Lead DevOps and cloud infrastructure operations, managing Docker containers, GitHub Actions CI/CD pipelines, VPS provisioning, automated backups, and Prometheus/Grafana monitoring.

E-Commerce & Full-Stack Developer | Umeez **11/2025 – Present**

Part-Time • Remote (United Kingdom / Global)

- Engineer custom Next.js and React storefronts integrated with headless CMS, WooCommerce, and Shopify APIs on a project basis.
- Execute zero-downtime cloud hosting migrations, automated backup schedules, third-party payment gateways, and frontend performance optimizations.

Software & Tech Engineer | LogixLoop **03/2025 – 12/2025**

Full-Time • Gujranwala, Pakistan

- Built cross-platform mobile applications in Flutter backed by Node.js, Firebase, and REST APIs for B2B and consumer clients.
- Developed and integrated TensorFlow and applied AI solutions into Flutter mobile applications, web platforms, and backend services to automate user and data workflows.

IT & Network Support Specialist | USG **03/2024 – 02/2025**

Full-Time • Gujranwala, Pakistan

- Provided L1/L2 technical support for workstations, user account provisioning, local network connectivity, and DNS/DHCP troubleshooting.
- Assisted with routine server maintenance, scheduled data backups, system updates, and hardware/software incident resolution.

Full-Stack Web Developer | Self-Employed **06/2022 – 08/2023**

Freelance • Gujranwala, Pakistan

- Delivered end-to-end custom web applications and business platforms using JavaScript, PHP, MySQL, and CMS tools from technical scoping to hosting deployment.

SELECTED PROJECTS

Education OS — Multi-Tenant SaaS Management Platform | *Next.js, NestJS, PostgreSQL, Prisma, Redis, BullMQ, Docker*

- Independently architected a multi-tenant education SaaS platform with isolated tenant memberships, granular RBAC, module entitlements, relational data architecture, and immutable audit logging
- Implemented Redis/BullMQ background workers for asynchronous reporting and bulk notifications, containerized services with Docker, and integrated CI/CD and production monitoring.

CoreOps ERP — Industrial & Wholesale Operations System | *Flutter, React, Node.js, PostgreSQL, RBAC, Docker*

- Engineered an end-to-end ERP system unifying sales, procurement, real-time inventory movement, invoicing, and role-based employee workflows with strict transactional integrity.

MediLink — Cross-Platform Healthcare & Telehealth Application | *Flutter, Dart, Node.js, Firebase, REST APIs*

- Developed a multi-role healthcare mobile application in Flutter enabling patient-doctor appointment scheduling, digital medical record access, real-time notifications, and secure role-based patient management.

BizWholesale — UK/EU B2B Commerce Platform | *Next.js, TypeScript, Headless CMS, REST APIs*

- Developed a B2B wholesale ordering platform supporting SKU discovery, tiered bulk pricing, minimum order quantities (MOQ), VAT compliance, and quotation workflows.

EDUCATION & SPECIALIZED TRAINING

Bachelor of Science in Information Technology (BS IT) | University of the Punjab **09/2022 – 06/2026**

Relevant Coursework: Software Engineering, Database Systems, Computer Networks, Operating Systems, Software Testing, Information Security

Training in IT Administration & Cybersecurity | PAPTECH & TEVTA **11/2024 – 04/2026**

Practical training in Cloud Infrastructure, Linux/Windows Server Administration, Network Engineering, and Security Operations (SOC/SIEM)

CERTIFICATIONS

Cisco Certified Network Associate (CCNA) — Cisco
Cisco Certified Support Technician (CCST) Cybersecurity — Cisco
Certified Ethical Hacker (CEH) — Cisco
Data Science / Deep Learning with TensorFlow — IBM
System & Network Administrator — NAVTTC