

Najam Iftikhar

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SUMMARY

Senior Full-Stack Engineer with 3+ years experience delivering 25+ web applications across 16 countries. Expert in full-stack architecture (agentic AI applications, data-intensive apps, content-centric platforms, media-rich apps), RAG systems, lead enrichment pipelines (enriched 150K+ leads), and automated CI/CD with container orchestration.

SKILLS

Programming Languages: TypeScript, Node.js, Bun, Python, C#.

Core Frameworks: Next.js, React, React Router v7, TanStack Start, Astro, NestJS, Express, Hono, ASP.NET Core.

AI & Agentic Engineering: Google ADK, NVIDIA NIM, Vector Databases, RAG Architectures, Data Scrapers.

Databases, Analytics & Storage: PostgreSQL, ClickHouse, MongoDB, Convex, OpenSearch, Redis, AWS S3.

DevOps & Cloud: Docker Swarm, Ansible, GitHub Actions (CI/CD), Nginx, Linux, AWS, GCP, Hetzner.

WORK EXPERIENCE

Head of Software and Application

February 2025 - Present

Swiss Strategic Development Group AG

Zurich, Switzerland

- Leading CounselDesk, a Swiss-hosted AI legal assistant for law firms: RAGFlow fork, FastAPI/React layer with per-case access control, and open-weight models for data sovereignty.
- Delivered 10+ applications from client meetings and research to full-stack programming and deployment. Built media/content rich platforms with custom Strapi backends, Stripe billing, and automated email pipelines.
- Architected a lead enrichment SaaS with multi-stage pipelines for discovery, enrichment, and legal monitoring. Developed an interactive dashboard for businesses to buy leads and import their own leads for enrichment.
- Built a sports agency platform with i18n, secure payments, edge caching and rich-content blogs.
- Configured containerized apps on VPS via Docker Swarm/Nginx. Built CI/CD pipelines and oversaw hosting, security patches, and production bug fixes.

Software Engineer

August 2023 - January 2025

Tomorrows Intelligence

London, United Kingdom

- Deployed Nvidia NIM on Google Cloud (Nvidia L4 GPU) to architect a backend system for processing advertisements and generating embeddings for image matching.
- Delivered UI/UX design and full-stack development for 7 content-centric and media-rich websites using Next.js, including a PWA with a short-form video feed engine.
- Authored 14+ Software Requirement Specifications (SRS), business outlines, and technical specifications, alongside creating technical presentation decks for client pitches.

Full Stack Developer

February 2021 - July 2023

Self-Employed

Islamabad, Pakistan

- Completed 50+ successful engineering solutions for a global client base across 16 countries, including the US, UK, Germany, Australia, spanning complex web applications, custom features and critical bug fixes.
- Engineered a multi-tenant SaaS CRM platform featuring Google and Outlook API synchronization, built a secure crypto wallet browser extension, and integrated real-time Twilio endpoints via cloud functions.
- Executed large-scale code refactoring, including converting legacy Angular architectures to Next.js systems, and diagnosed, refactored, and resolved complex runtime errors to improve code efficiency and type safety.
- Built automated CI/CD pipelines on AWS, DigitalOcean, and GCP for deployment of containerized applications.

EDUCATION

University of Engineering & Technology Mardan

August 2019 - July 2023

BSc in Computer Software Engineering | CGPA 3.09 / 4.00

FYP: Engineered a blockchain-based system on BSC using ERC-721, MetaMask, React, Node.js, and Solidity to fight counterfeit products by linking supply chain and customer data on blockchain, ensuring traceability and authenticity.