

Assad Nadeem Qureshi

Technical Lead | Engineering Manager | Technical Product Owner | Full-Stack and AI Engineer

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PROFESSIONAL SUMMARY

Full-stack technical leader with 10 years of experience delivering healthcare, fintech, SaaS, web, and mobile products. Leads cross-functional engineering teams, owns products from discovery through delivery, and works directly with clients on architecture, product scope, cloud and AI vendor decisions, and phased implementation plans. Current work includes HIPAA-compliant healthcare applications, cloud architecture, and practical AI-assisted workflows.

CORE CAPABILITIES

Engineering leadership	Technical product ownership	Solution architecture
Full-stack web and mobile	Healthcare and HIPAA	AI product integration
Cloud and CI/CD	Technical discovery	Stakeholder alignment

PROFESSIONAL EXPERIENCE

Technical Lead | Engineering Manager | Technical Product Owner | **Technology Rivers** May 2022 - Present

Islamabad, Pakistan

- Architect cloud infrastructure and CI/CD while leading Node.js, React, React Native, and cross-platform product delivery.
- Manage cross-functional teams of 5-10 engineers and coordinate product, engineering, QA, infrastructure, and stakeholder decisions.
- Run technical discovery with founders and clinicians, evaluate cloud and AI vendors under HIPAA and BAA constraints, and convert ambiguous requirements into phased delivery plans.
- Lead work across patient and clinic applications, clinical content systems, hospital operations, healthcare quality platforms, fintech, cloud migration planning, and AI-assisted intake.

Co-founder | Technical Lead | Product Owner | **LogMethod** Mar 2020 - Apr 2022

Islamabad, Pakistan | Acquired by Technology Rivers

- Built Node.js, React, and React Native products across legal analytics, fintech, mobile, and marketplace use cases.
- Shipped offline-first PWAs and introduced CI/CD improvements that cut release cycle time by 40%.
- Owned product scope, architecture, engineering delivery, and client communication as a technical co-founder.

Co-founder | Technical Lead | Full-Stack Developer | **Induent** Mar 2018 - Mar 2021

Islamabad, Pakistan

- Co-founded a custom software studio and delivered web and React Native products for enterprise and consumer clients.
- Built native mobile modules, custom animations, real-time experiences, and multilingual product workflows.

Product Owner | QA Engineer | **Locopixel** Apr 2017 - Apr 2018

Islamabad, Pakistan

- Translated business requirements into user stories, Gherkin acceptance criteria, and testable product behavior.
- Performed manual and automated testing while coordinating requirements between stakeholders and engineering.

SELECTED WORK

AI-Powered Patient History Platform | Healthcare | HIPAA | AI | Confidential

Led patient and clinic-admin applications around an AI-sequenced intake workflow with 150+ conditional questions, document capture, and a planned EHR integration. Owned technical product and engineering work from vendor evaluation through prototype and delivery planning.

Cloud-Agnostic Migration Blueprint | Healthcare | Cloud Architecture | Confidential

Mapped 36 AWS managed services to open-source equivalents including Kubernetes, Keycloak, Kong, MinIO, and RabbitMQ. Produced an eight-phase plan, risk register, and six-to-nine-month delivery estimate.

Digital Relationship-Therapy Program | Healthcare | Clinical Content | Confidential

Built a clinical content engine with paired-user conditional branching, imported activities from legacy SCORM and Word sources, and supported a bilingual English and Spanish content pipeline with safe fallbacks.

Healthcare Product Portfolio | Healthcare | Web | Mobile | HIPAA

Contributed technical leadership to an offline-first healthcare quality app, a real-time hospital bed tracking platform, and an employee portal with advanced data visualization.

Firmtrak and HaloStar Wallet | Legal Analytics | Fintech

Delivered a responsive law-firm analytics dashboard with real-time visualizations and CRM integrations, plus a cryptocurrency wallet with biometric authentication and payment gateway integration.

Tommy Hilfiger Chat and AI Quran | Enterprise | Consumer | Mobile

Built a real-time multilingual chat platform and a Quran mobile application with custom Arabic text rendering and audio streaming.

TECHNICAL SKILLS

Frontend	React, React Native, TypeScript, Next.js, Redux, PWAs, offline-first architecture, accessibility
Backend	Node.js, Express, REST APIs, GraphQL, microservices, WebSockets
Cloud and data	AWS, Google Cloud, Docker, CI/CD, PostgreSQL, MongoDB, Neo4j, Firebase
Healthcare	HIPAA-aware architecture, PHI security, audit logging, role-based access, BAA vendor evaluation, healthcare integration planning
AI engineering	LLM API integration, AI agents, RAG, tool calling, prompt design, evaluation, human review, AI-assisted workflows
Leadership	Engineering management, technical product ownership, discovery, solution architecture, roadmaps, Agile/Scrum, client advisory

EDUCATION

BS Computer Science | COMSATS Institute of Information Technology | 2016

Portfolio, case studies, and writing: anqureshi.com