

Asad Waleed

AI-ASSISTED FULL STACK DEVELOPER · FORWARD DEPLOYED ENGINEER

asadwaleed93@gmail.com · +92 339 012 7096 · asadwaleed.com · LinkedIn: linkedin.com/in/asadwaleed
Islamabad, PK (open to relocation)

PROFILE

AI-Assisted Full-Stack Developer and **Forward Deployed Engineer** with 10+ years of experience turning ambiguous product ideas into production-ready SaaS applications. Expert in rapidly transforming wireframes, product briefs, and customer feedback into working React/Next.js applications using AI-augmented development workflows with Cursor, Claude Code, Codex, and modern prototyping tools. Proven track record delivering customer-facing platforms, workflow automation systems, CRM-integrated dashboards, and multi-tenant SaaS products for enterprise clients while partnering directly with stakeholders from discovery through deployment.

EMPLOYMENT HISTORY

Forward Deployed Engineer · Senior Full Stack Developer 03/2020 – Present

Quantum Skye Technologies · Islamabad · Remote-first, client-facing delivery

- Delivered production-ready SaaS applications up to 40% faster by combining AI-assisted development workflows (Cursor, Claude Code, ChatGPT) with React, Next.js, and TypeScript to rapidly transform product briefs into deployable customer solutions.
- Accelerated stakeholder validation cycles from weeks to days by building interactive prototypes, reusable UI components, and functional MVPs using AI-augmented development practices, enabling rapid iteration based on client feedback.
- Improved client time-to-value by approximately 40% by designing and implementing ETL pipelines, REST APIs, webhooks, and GraphQL data models that unified data across 5+ source systems into scalable SaaS platforms.
- Reduced frontend data load by 25% by architecting GraphQL schemas and customer data models that supported audience segmentation, lifecycle tracking, event-driven workflows, and role-based application experiences.
- Increased development velocity across multiple enterprise engagements by creating reusable Next.js, TypeScript, and Tailwind-based component systems that accelerated delivery of dashboards, workflow builders, and business-critical applications.
- Delivered production-ready foundations for engineering teams by rapidly translating wireframes, business requirements, and stakeholder feedback into deployable full-stack applications using React, Next.js, Node.js, PostgreSQL, and AI coding assistants.
- Enhanced platform scalability and maintainability by implementing multi-tenant SaaS architectures, role-based access control (RBAC), and secure authentication patterns across customer-facing products.
- Reduced project risk and improved delivery predictability by leading technical discovery workshops, evaluating emerging AI development tools, defining implementation strategies, and aligning product, engineering, and client stakeholders.
- Increased engineering team productivity by mentoring 6 developers on AI-assisted coding practices, SQL optimization, code review processes, and scalable application architecture.

Full Stack Developer 12/2016 – 12/2020

Phlox Solutions · Islamabad

- Doubled product delivery speed by developing cross-platform SaaS applications in React, React Native, and Node.js while collaborating directly with stakeholders to rapidly prototype and iterate on business requirements.
- Boosted application reliability by 35% through implementation of automated testing, CI/CD pipelines, and AI-assisted development workflows that accelerated development while maintaining production quality.
- Enhanced integration capabilities across multiple enterprise systems by building REST APIs, webhooks, third-party connectors, and event-driven backend services supporting customer engagement and operational workflows.
- Reduced development complexity and improved scalability by re-architecting monolithic applications into modular microservices supporting CRM integrations, customer lifecycle management, and real-time communication features.

- Accelerated feature delivery by partnering with product managers and designers to transform wireframes and business requirements into working prototypes, validating concepts before full-scale implementation.
- Refined data accessibility and reporting capabilities by writing advanced SQL queries, designing customer data models, and supporting segmentation logic for data-driven product decisions.

Android Developer 06/2015 – 07/2016

UDNA · Islamabad

- Improved development efficiency by approximately 25% by contributing to the decomposition of a monolithic mobile application into reusable modular components, enabling faster feature delivery and easier maintenance.

SKILLS

AI-Assisted Development	Codex · Cursor · Claude Code · Vercel v0 · Rapid Prototyping
Languages	TypeScript · JavaScript · Python (Flask / Django) · SQL
Frontend	React · Next.js · React Native · Tailwind CSS · Zustand/Redux · React Query · Shadcn UI
Data	PostgreSQL · MySQL · ETL pipelines · MongoDB · Redis
Backend & APIs	Node.js · Express.js · Hono · GraphQL · WebSockets · JWT / OAuth2.0 · Passport.js
Cloud & DevOps	AWS (EC2, S3, Lambda, CloudFront) · Docker · GitHub Actions
Testing	Vitest · Jest · Cypress · Mocha · Supertest
Integrations	REST APIs · Webhooks · CRM Integrations · Event-Driven Architecture · Third-Party Connectors
Practices	Agile / Scrum · Microservices Architecture · CI/CD · Technical Discovery · Stakeholder Delivery · Code Review · Technical Mentorship

KEY PROJECTS

Reimeter · AI-Powered Property Intelligence Platform

Built and launched an AI-assisted property valuation platform that consolidated fragmented real-estate datasets into a unified SaaS dashboard, reducing manual valuation effort and enabling near real-time pricing insights for end users through automated data pipelines and workflow automation.

Mypher · Multi-Tenant Communication Platform

Architected a multi-tenant real-time messaging system with wallet-based auth — complex data modeling across user, asset, and transaction domains using GraphQL and WebSockets, with a React Native client.

MindBuilding · Meditation & audio learning platform

Full-stack content delivery platform (React Native + Node.js) with a streaming audio pipeline, user-state persistence, and a CMS-backed content feed — optimised for low-latency delivery.

EDUCATION

BS Computer Science — **FAST NUCES, Islamabad** 08/2011 – 04/2015

LANGUAGES

English Fluent (C1) **Urdu** Native