

# Asad Waleed

FULL STACK DEVELOPER

## SUMMARY

**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 Claude Code, Codex, Cursor, 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.

## CONTACT:

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## SKILLS:

- **Languages:** TypeScript • JavaScript • Python (Flask / Django) • SQL
- **AI-Assisted Development:** Codex • Cursor • Claude Code • Vercel v0 • Rapid Prototyping
- **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 • Nest.js • Hono.js • GraphQL • WebSockets • JWT / OAuth2.0 • Passport.js
- **Cloud & DevOps:** AWS (EC2, S3, Lambda, CloudFront) • Docker • GitHub Actions

## EXPERIENCE:

### SENIOR FULL STACK DEVELOPER

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 (Claude Code, ChatGPT, Cursor) 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.

- **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

## EDUCATION:

**FAST NUCES, ISLAMABAD**  
**2011 – 2015**

BS Computer Science

## LANGUAGE:

- English

## FULL STACK DEVELOPER

**2016 – 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 micro-services 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

**2015 – 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.

## 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.