MUHAMMAD UMAIR AFZAL

Senior Full-Stack Engineer & AI Developer

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PROFESSIONAL SUMMARY

Senior Full-Stack Engineer with 10+ years building production SaaS, e-signing platforms, CRM systems, and AI-powered products. Expert in PHP, Laravel, Node.js, React, Next.js, AWS, and LLM integrations (Claude API, OpenAI, RAG). Proven track record leading 15+ engineers, shipping 50+ production applications, and helping client campaigns generate £100M+ revenue. Experienced remote collaborator with US and UK teams; available for full-time remote, contract, and freelance roles.

CORE SKILLS

Backend: Node.js, Express.js, PHP, Laravel, CodeIgniter, REST APIs, GraphQL

Frontend: React, Next.js, Vue.js, TypeScript, JavaScript, HTML/CSS, Tailwind CSS, jQuery

Databases: MySQL, PostgreSQL, MongoDB, Redis, Query Optimization, Indexing

Cloud & DevOps: AWS (EC2, RDS, S3, EBS, ECS, Load Balancer), Docker, CI/CD, GitHub Actions, Linux, Nginx, Apache

AI & LLM: Claude API, OpenAI API, LangChain, LangGraph, RAG Systems, Prompt Engineering

Other: SaaS Architecture, Multi-tenant Systems, Twilio, Payment Gateways, Agile/Scrum, Team Leadership

PROFESSIONAL EXPERIENCE

Full-Stack Engineer / Project Lead — Sep 2024 – Present

Streamline Technology (SLTech) · Remote, US-based SaaS

- Building AI-powered real estate SaaS using Next.js, Laravel, and Claude API for automated content generation
- Architected and deployed production RAG systems with Claude Haiku for context-aware AI workflows
- Set up production and staging infrastructure from scratch with CI/CD pipelines supporting 25+ deploys per week
- Optimized database queries, reducing response times from 4s to 1s; implemented caching for high-traffic endpoints
- Own DevOps, reliability, and infrastructure with minimal production incidents

Full-Stack Engineer — 2023 – 2025

Redesign Group (Security SaaS) · Remote, USA

- Full-stack engineer on cybersecurity compliance platform managing security posture workflows
- Designed Git branching strategy, environment configuration, and deployment workflows
- Built features end-to-end across backend services, APIs, frontend, and database optimization
- Integrated with 30+ security tools via APIs (SIEM, scanners, cloud providers)

Lead Developer / Technical Architect — 2018 – 2024

The Genius Group (TGG) — UK Lead Gen SaaS · Remote, UK

- Architected CRM systems, landing page builders, and e-signing platforms processing millions of leads
- Built call center solutions for email, SMS, calls, and WhatsApp with Twilio and gateway integrations
- Managed 20+ concurrent campaigns across debt, claims, finance, and consumer verticals
- Implemented lead validation including AML checks, credit integrations, and mining workflows
- Optimized for 2M+ daily lead volume; cut API latency ~40% via Redis and query tuning
- Helped generate £100M+ revenue across campaigns while scaling to enterprise load

Team Lead Software Engineer
Nov 2015 – 2023

ArhamSoft Pvt Ltd · Lahore, Pakistan

- Led 15+ engineers across diverse technologies and concurrent client projects
- Owned client communication: requirements gathering, analysis, and cross-team assignment
- Architected scalable applications with Node.js, React, PHP, Laravel, MongoDB, and MySQL
- Deployed on AWS (EBS, EC2, Load Balancer, CodeDeploy, RDS, S3) with high availability
- Received multiple excellence awards including Shining Star of the Month (10+ times)

Senior Web Developer & Software Engineer
2013 – 2015

Bir-al-Sabia Technologies & Punjab IT Board · Lahore, Pakistan

- Delivered web projects with PHP, MySQL, JavaScript, jQuery, HTML, and CSS
- Handled full requirement gathering, analysis, and timeline estimation
- Built foundational application stacks that scaled in later leadership roles

SELECTED PROJECTS

EsignPanda & NowSign — *Node.js, React, MongoDB, AWS*
Enterprise e-signature SaaS with drag-and-drop templates, legally compliant audit trails, and payment integrations for hundreds of enterprise customers.

Lead Generation Platform — *PHP Laravel, React, MySQL, Twilio*
Multi-campaign SaaS handling 20+ campaigns generating £100M+ revenue with CRM, call center, and lead validation (AML, credit checks).

AI Real Estate SaaS — *Next.js, Laravel, Claude API, OpenAI*
MLS-triggered website generation with Claude API content, OpenAI social posts, 25+ deploys/week, and production RAG pipeline.

Cybersecurity Compliance Platform — *Node.js, React, PostgreSQL, Docker*
Security posture management with tool connections, compliance dashboard, automated audits, and multi-tenant SaaS architecture.

ControlPanda — *PHP Laravel, React, MySQL, PayPal*
Drag-and-drop website builder with templates, domain purchasing, analytics, lead collection, and multi-tenant payments.

EDUCATION

MPhil Computer Science
University of Sargodha · 2015 – 2018

MSc Information Technology
University of The Punjab (PUCIT) · 2011 – 2013