

Saith Waqas Ali

Senior Software Engineer | Full-Stack, Web3 & AI | 3x AWS Certified

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SUMMARY

Senior Software Engineer with **5+ years** of experience building scalable, production web applications across SaaS, fintech, healthcare, e-commerce and Web3. Currently leading the Kresus mini-apps at TekHQS for **185K+ users**, growing revenue by **30%**. Built or collaborated on products used by **300K+ users** for **100+ international clients**. Expert in React.js, Next.js, TypeScript, Node.js and NestJS, with AI integrations (LLM APIs, AI agents, RAG) and multi-chain Web3. AWS Certified Solutions Architect – Professional; works async with teams across the US, UK, UAE and Europe.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Solidity, HTML5, CSS3, Sass, SQL

Frontend: React.js, Next.js, Vue.js, Tailwind CSS, Redux, React Query, GSAP, Three.js, Framer Motion

Backend: Node.js, Express.js, NestJS, REST APIs, GraphQL, MongoDB, PostgreSQL

AI & Automation: LLM APIs, AI Agents, RAG, Chatbots, Workflow Automation, API Integrations

Web3: Web3.js, Ethers.js, Wagmi, RainbowKit, Web3Auth, Smart Contracts, Ethereum, Solana, Sui

Cloud & DevOps: AWS (EC2, S3, CloudFront, RDS, Lambda), Docker, CI/CD, GitHub Actions, Git

Tools: Webpack, Vite, ESLint, Prettier, Husky, Formik, Yup, WebGPU, i18n / RTL

Practices: Agile, Code Reviews, Mentoring, Performance Optimization, Core Web Vitals, Accessibility (WCAG 2.1), SEO, Clean Architecture, Monorepos

PROFESSIONAL EXPERIENCE

TekHQS

California, United States

Senior Software Engineer – Full-Stack & Web3

(Remote) Feb 2026 – Present

- Leading the Kresus consumer mini-apps business: revenue-generating mini-apps that deliver wallet experiences and smart contract use cases on World and Base for 185K+ users.
- Grew mini-app revenue by 30% through product iteration and conversion-focused user journeys.
- Rebuilt the entire mini-app infrastructure for modern MiniKit and smart contract use cases, eliminating legacy side effects and improving reliability across the stack.
- Built 3 internal dashboards with React.js and Next.js for third-party service uptime monitoring, Kresus wallet management and mini-app infrastructure health.
- Leading multi-chain Web3 development across Ethereum, Solana, Sui and World (WLD): Solidity, secure wallet interactions and smart contract integrations.
- Architected scalable backend services with Node.js, NestJS and monorepo patterns on optimized MongoDB and PostgreSQL data layers.
- Leading code reviews and mentoring engineers; cut release friction by 25% by optimizing CI/CD.

Independent (Freelance)

US, UK, UAE, Europe

Full Stack Engineer

(Remote) Dec 2022 – Present

- Delivered for 100+ international clients and earned 100+ client reviews across development builds, AWS training and coding mentorship.
- Shipped 25+ production web applications with 95%+ on-time delivery and a 60% client return rate.
- Developed full-stack solutions with React.js, Next.js, Vue.js, Node.js, Express and NestJS, deployed on AWS (EC2, S3, CloudFront, RDS) with CI/CD pipelines.
- Built AI automations and integrations: LLM-powered features, chatbots and automated workflows wired into clients' existing tools.
- Improved SEO and Core Web Vitals with performance tuning and accessibility-first design.
- Mentored junior developers on AWS fundamentals and cloud deployment, helping them launch 10+ real-world projects.

Code Encoders

Lahore, Punjab, Pakistan

Senior Frontend Engineer & Team Lead

Nov 2024 – Feb 2026

- Led frontend architecture for BlockMedPro, a blockchain healthcare platform for 10K+ users: wallet-based KYC, SAR modules and secure GP records with Web3Auth, RainbowKit and Wagmi.
- Built Live Discount, a Hebrew live-shopping platform, end to end in Next.js and TypeScript: multi-language, full RTL support, advanced custom GSAP animations and embedded iframe graphics.
- Delivered 2 premium NFT platforms (Golden Years, Infinity Global) with tiered utility logic, real-time wallet interactions and responsive UIs (React.js, Tailwind CSS, Redux) at 99.5% uptime.
- Improved Core Web Vitals by 40% via lazy loading, code splitting and React Query data fetching.
- Engineered real-time admin dashboards with interactive charts, improving workflow efficiency by 45%.
- Mentored 5 junior developers and led code reviews, setting clean code, accessibility (WCAG 2.1) and CI/CD standards for the team.

Next Bridge System

Lahore, Punjab, Pakistan

Senior Frontend Engineer (Part-time)

Feb 2023 – Jan 2026

- Built the Vue.js frontend for SelfShipLabel, a US shipping platform to compare FedEx, DHL, UPS and USPS rates and print labels.
- Architected the frontend for My E-Assistant, an ERP SaaS platform with 5K+ active users, integrating REST APIs and interactive charts that improved data clarity by 50%.
- Built responsive UIs with Vue.js and React.js, driving a 35% increase in user engagement.
- Reduced page load times by 25% and accelerated sprint delivery by 18% through performance optimization, code splitting and reusable component libraries.

Hashed System

Lahore, Punjab, Pakistan

Frontend Developer (Contract)

Dec 2023 – Jun 2024

- Built 3 marketing websites and a large internal ERP SaaS for nStyle International, a Dubai-based luxury beauty group, using React.js and Next.js.
- Integrated RESTful APIs for real-time backend communication, reducing user-facing errors by 30%.
- Worked with UI/UX designers and backend engineers to keep designs consistent and responsive.

BlankSlate Technologies

Lahore, Punjab, Pakistan

UI/UX Developer

Feb 2021 – Mar 2023

- Built clean, structured web interfaces using HTML5, CSS3, Sass and JavaScript for rapid prototyping.
- Developed component-based UIs with React.js, building responsive layouts and reusable components.

KEY ACHIEVEMENTS

- Built or collaborated on products used by 300K+ users across Web3, fintech, healthcare and SaaS.
- Led the frontend team that delivered a blockchain healthcare platform to 10K+ users with zero critical security incidents.
- Reduced frontend bundle size by 45% across multiple projects through strategic optimization.
- Established coding standards and CI/CD pipelines adopted across 3 engineering teams.

CERTIFICATIONS

- AWS Certified Solutions Architect – Professional
- AWS Certified Solutions Architect – Associate (2x) | AWS Certified Cloud Practitioner (3x)
- Meta Full-Stack Certified Developer | Solidity Smart Contract Developer (Cyfrin Updraft)

EDUCATION

Virtual University of Pakistan

Dec 2021 – Dec 2025

Bachelor of Science (BS), Computer Science

Superior College

Dec 2019 – Dec 2021

Intermediate, Computer Science