

MUHAMMAD SAAD

Full Stack Engineer | React · Next.js · Node.js · TypeScript

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PROFESSIONAL SUMMARY

Full Stack Engineer with two years of professional experience (Nov 2024 – Aug 2026) designing, building and deploying production web applications, including enterprise SaaS, booking and e-commerce platforms. Strong command of JavaScript (ES6+), TypeScript, React, Next.js and Node.js, with hands-on experience in REST API design, third-party integrations (payments, maps, booking engines, WhatsApp Business), AWS deployment, SEO and Core Web Vitals optimisation. Experienced in owning the full project lifecycle independently and collaborating with international clients and cross-functional teams.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, Java, C, HTML5, CSS3, SQL

Front-End: React, Next.js, PWA, Responsive / Mobile-First Design, i18n & Localisation, Component Libraries, Turbopack

Back-End & APIs: Node.js, Supabase, PostgreSQL, RESTful API Design & Integration, Google Maps API, Payment Gateways, Booking Engines, WhatsApp Business API, ChowNow API

Cloud & DevOps: AWS, Git, CI/CD Workflows, Deployment & Post-Launch Support

Performance & SEO: Core Web Vitals, Performance Optimisation, Technical SEO, Cross-Browser Testing

Practices: Full Software Development Lifecycle, Agile Collaboration, Debugging & QA, Code Reviews, Data Structures & Algorithms, OOP

Design (Bonus): Figma, Canva Pro, Brand Identity, Design Systems

PROFESSIONAL EXPERIENCE

Full Stack Engineer

Nov 2024 – Aug 2026

Softnox

- Designed, developed and shipped full-stack web applications end to end using React, Next.js, Node.js and TypeScript, from requirements and architecture through deployment and maintenance.
- Built responsive, mobile-first user interfaces and reusable component libraries, improving UI consistency and speeding up delivery across projects.
- Developed and consumed RESTful APIs and back-end services; integrated third-party systems including payment gateways, Google Maps API and booking engines.
- Optimised application performance and Core Web Vitals, and applied technical SEO best practices to improve load times and search visibility.
- Collaborated with designers, project managers and QA in agile workflows, using Git for version control, branching and code reviews.
- Debugged, tested and refactored production code, delivering features on schedule over two years.

Freelance Full Stack Developer

Jun 2024 – Present

Self-Employed — Remote, International Clients

- Engineered a Real Estate Management SaaS platform and a Virtual Try-On integration, automating manual workflows and reducing processing time from hours to seconds.
- Integrated third-party APIs including ChowNow, Google Maps, booking engines, payment gateways and WhatsApp Business.
- Managed the full project lifecycle independently: discovery, scoping, development, QA, deployment and post-launch support.

Freelance Graphic & Brand Designer

Jun 2024 – Present

Self-Employed — Remote, International Clients

- Delivered 180+ social media posts, flyers and brand assets for international clients across wellness, legal, hospitality, travel and professional services.
- Built modular design systems (typography scales, colour tokens, component libraries) that carry over into front-end implementation.

Web Developer Intern

Jan 2022-Apr 2022

UpTech, Karachi

- Contributed to responsive web application development, front-end implementation and UI/UX improvements.
- Ran cross-browser compatibility testing and collaborated on debugging and Git version control workflows.

PROJECTS

DawaPOS — Offline-First Pharmacy POS | Next.js 15, TypeScript, Supabase, PostgreSQL, Tauri v2
Designed and built an offline-first point-of-sale suite for Pakistani pharmacies: counter sales, purchase receiving, batch/expiry tracking, Khata credit ledger, bilingual PDF invoices and WhatsApp invoice delivery.

Engineered a local outbox/sync engine, multi-tenant Supabase backend with row-level security, PKR whole-rupee pricing, and role-based auth (owner/manager login, cashier 4-digit PIN).

Shipped as an installable PWA and Tauri desktop app on a fully free-tier stack.

Real Estate Management System | React, Next.js, AWS

- Scalable SaaS platform that streamlines property maintenance, cuts response time and improves operational transparency for property managers and tenants.

Virtual Try-On System | React, Next.js, AWS | In development

- SaaS application delivering AR/3D try-on experiences to raise conversion rates, reduce returns and help brands engage customers digitally.

Ticket Booking System | React, Next.js

- Scalable ticketing platform with event discovery, real-time seat selection, secure payments and digital confirmations.

Stella Bistro Website | JavaScript, CSS3, Custom Theme |

- Live website for a contemporary café focused on visual branding, customer engagement and digital growth.

EDUCATION

BSc Computer Science

Nov 2023 – Jun 2027 (Expected)

IQRA University, Karachi | Coursework: Data Structures, Algorithms, OOP, Databases, Web Development

Intermediate, BIEK, NCR-CET College, Karachi (2021 – 2023)

Matric, BSEK, Central Model High School, Karachi (2019 – 2021)

LANGUAGES

English (Fluent) | Urdu (Native)