

MUHAMMAD USMAN

Full-Stack Web & Mobile Developer | React.js · Next.js · React Native · Node.js · TypeScript
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PROFESSIONAL SUMMARY

BSCS graduate with 2+ years building production-ready web and mobile applications for real clients. Specialized in React.js, Next.js, React Native, and TypeScript with hands-on experience in AI/ML integration, authentication systems, and RESTful APIs. Delivered 4+ live deployed projects. Certified in Next.js, Web Security, and AI Agents (Frontend Masters, 2026). Actively seeking remote junior/entry level roles with international teams.

TECHNICAL SKILLS

Frontend: React.js, Next.js 15, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Responsive Design

Mobile: React Native, Expo — iOS & Android cross-platform

Backend & Databases: Node.js, Express.js, RESTful APIs, Supabase, Firebase, MongoDB, Prisma ORM, SQLite

AI/ML & Agents: Google Gemini API, Vercel AI SDK, LLM integration, Agentic workflows, Image classification

Security: XSS/CSRF/SQLi prevention, HTTPS/HSTS, CSP headers, RBAC, Secure auth flows

Tools: Git, GitHub, Zod, Vitest, SEO (sitemap, meta, Core Web Vitals), Vercel deployment

PROFESSIONAL EXPERIENCE

Full-Stack Developer | [Freelance & Client Projects](#) | Jan 2024 – Present

- Built and deployed 4+ production applications (web & mobile) using React.js, Next.js 15, and React Native with TypeScript — serving real paying clients and end-users
- Designed and implemented role-based access control (RBAC) systems with User, Staff, and Admin tiers using Firebase Auth and Supabase
- Integrated Google Gemini AI and custom ML models for automated image classification, content generation, and intelligent UX features
- Architected RESTful APIs with Node.js/Express.js; built real-time data sync with Supabase Realtime and Firestore
- Applied production-grade web security: parameterized SQL queries, XSS/CSRF defenses, HSTS, CSP headers, and OpenSSL HTTPS
- Deployed all projects on Vercel with CI/CD via GitHub; implemented SEO with sitemaps, robots.txt, and Core Web Vitals optimization
- Built an autonomous AI Agent runtime (TypeScript, Vercel AI SDK, Zod) capable of multi-step reasoning, self-correction, and dynamic tool execution

KEY PROJECTS

Fixora — AI-Powered Civic Issue Reporting App — React Native · Expo · Supabase · Firebase · ML
Final Year Project. Cross-platform mobile app for community issue reporting.

- Custom ML model for automated image classification and urgency detection
- Three-tier RBAC (User / Staff / Admin) with GPS-based location tracking and map visualization
- Real-time sync via Supabase; full approval workflow for staff and admin management

Autonomous AI Agent Runtime — TypeScript · Node.js · Vercel AI SDK · Zod · Tavily API

- Built a zero-dependency autonomous agent with ReAct loop: multi-step reasoning, self-correction, and dynamic tool selection
- Engineered strictly-typed file I/O tools via Zod schemas; integrated Tavily API for real-time web research with source citations

- Context compaction layer for autonomous token optimization across long sessions; automated evaluation suite for tool-call accuracy

KAMI MobileShop — Full-Stack E-Commerce Platform — *Next.js 15 · TypeScript · Supabase · Tailwind CSS*

Live: kami-mobileshop.vercel.app

- Full e-commerce solution with real-time order notifications, admin dashboard, and customer analytics
- Integrated printing service with multi-file support, per-file settings, and automatic invoice generation
- Server-side protected admin auth; secure checkout with order verification and customer data protection

Rescov — AI Resume & Cover Letter Generator — *Next.js · TypeScript · Google Gemini AI*

- Real-time AI platform for resume and cover letter generation with live preview and multiple professional templates
- Chat-based improvement suggestions; ATS-friendly structured output formats

TensesUrdu — SEO-Optimized English Learning App — *Next.js 15 · TypeScript · Tailwind CSS*

Live: tensesurdu.vercel.app

- 12 tense lessons + 24 exercises + 12 quizzes with scoring, RTL Urdu support, and 100+ SEO-optimized pages
- Full SEO stack: sitemap.xml, robots.txt, meta tags, and Core Web Vitals optimization

EDUCATION

Bachelor of Science in Computer Science (BSCS)

COMSATS University Islamabad, Attock Campus | Jan 2022 – Jan 2026

Relevant Coursework: Mobile App Development, Web Technologies, Database Systems, Machine Learning, Software Engineering, Algorithm Design, DevOps & Cloud Computing, Computer Networks, Information Security

CERTIFICATIONS

- Next.js Fundamentals v4 — Frontend Masters (2026)
- Web Security — Frontend Masters (2026)
- AI Agents Fundamentals v2 — Frontend Masters (2026)

ADDITIONAL INFORMATION

Languages: English (Fluent) · Urdu (Native) · Punjabi (Native)

Availability: Immediately available · Open to remote, contract, and full-time roles

Timezone: PKT (UTC+5) — flexible overlap with UAE, UK, and EU business hours