

Muhammad Hamza

Full Stack Developer | React Native | React.js | Node.js | AI Integration

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PROFESSIONAL SUMMARY

Full Stack Developer with nearly 3 years of experience building web and mobile products with React.js, React Native, TypeScript and Node.js. Shipped apps to the Google Play Store and Apple App Store, built B2B SaaS dashboards, and worked on backends with Express.js, FastAPI, MongoDB and PostgreSQL. Recent work focuses on AI integration: LLM-powered assistants, AI scoring and valuation, image embeddings with vector search, and on-device pose estimation. Received the Excellence Award 2025 at TechloSet Solutions.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), Python, HTML5, CSS3, SQL
Frontend: React.js, Next.js, Vite, Redux Toolkit, Zustand, Tailwind CSS, Material UI, ShadCN UI, ECharts, Recharts
Mobile: React Native (Android & iOS), Expo, React Navigation, Reanimated, Firebase Auth & FCM, Google Maps, Deep Linking, RevenueCat, Play Store & App Store releases
Backend: Node.js, Express.js, FastAPI, REST APIs, Socket.IO / WebSockets, JWT, OAuth, RBAC, BullMQ, Cron jobs
Databases: MongoDB (Mongoose), PostgreSQL (Prisma, SQLAlchemy), Redis, pgvector, Firebase Firestore
AI Integration: LLM APIs (Anthropic Claude, Google Gemini, Groq Llama), AI chat assistants, prompt engineering, embeddings and vector search, MediaPipe, Whisper
DevOps & Tools: Git, GitHub Actions CI/CD, Docker, Nginx, PM2, Linux VPS, Vercel, AWS S3, Stripe, Cypress, Datadog

WORK EXPERIENCE

TechloSet Solutions | Faisalabad, Pakistan (On-site) Jan 2024 – Present
Junior Software Developer Jan 2025 – Present

- Develop two production AI SaaS platforms: a B2B sales and marketing personalization platform and a real-estate investment platform.
- Build features end to end with React.js, TypeScript and Node.js, and work with the backend team on API design, data models and integrations.
- Shipped AI features to production (chat assistants, lead scoring, AI email subject lines, AI deal valuation), backed by Cypress E2E tests and Datadog monitoring.

Trainee Software Developer Aug 2024 – Dec 2024

- Built and released two React Native apps, including an AI party-planning and group-shopping app taken from scratch to the Play Store and App Store.
- Rebuilt the Verbyo mobile app with Google and Facebook sign-in, and handled Play Store and App Store releases.

Software Development Intern May 2024 – Jul 2024

- Built full-stack features with React.js, Node.js, Firebase and Prisma ORM, from data model to UI, and connected REST APIs to responsive screens.

Quest Info Hub | Remote (Part-time) Feb 2026 – Sep 2026
Full Stack Developer

- Worked across the React Native app, Node.js / Socket.IO game server and React admin panel of a real-time multiplayer game in production.
- Owned production deployment on a Linux VPS with Nginx, PM2 and a GitHub Actions pipeline with health checks and automatic rollback.

CLIENT PROJECTS

Wrench.AI – AI Sales & Marketing Personalization Platform Web, Mobile & Chrome Extension | 15 months
Tech: React.js, TypeScript, Vite, Tailwind CSS, ECharts, React Native (WebView), Chrome Extension APIs, WorkOS, LaunchDarkly, Cypress, Datadog

- Built 10+ modules for B2B teams: AI agents, personas, account insights, lead scoring, AI email optimization and campaign analytics.
- Delivered a React Native mobile app (WebView) and a Chrome extension for LinkedIn prospecting, plus SSO and role-based access with WorkOS.

Solara – AI Real-Estate Investment SaaS

Subscription SaaS

Tech: React 19, TypeScript, Zustand, Node.js, Express.js, PostgreSQL, Prisma, Anthropic Claude API, Stripe, Vercel

- Built a deal analyzer with seven investment strategies and an AI valuation that grades every deal A to D with a written explanation.
- Built bulk offer sending from CSV with auto-underwriting, PDF contracts with e-signature links, a buyer CRM with deal matching and an admin panel with plan gating.

Lyudo – Real-Time Multiplayer Ludo Game

Mobile, Backend & Admin Panel

Tech: React Native, TypeScript, Node.js, Express.js, Socket.IO, MongoDB, Redis, BullMQ, Stripe, Firebase, React.js, GitHub Actions

- Built a server-authoritative game engine with Socket.IO matchmaking (2-player, 4-player, team and private tables), bots, and an in-game economy with Stripe payments.
- Reduced the Android APK size by 66% (143.7 MB to 49.4 MB) and fixed a socket memory leak that made games slower the longer they ran.

STTRUT – AI Visual Search Marketplace for Beauty Professionals

App Store & Google Play

Tech: React Native (Expo), TypeScript, FastAPI, PostgreSQL, pgvector, Google Gemini, RevenueCat, OneSignal, AWS S3, React.js

- Built AI style search: Gemini analyses an uploaded photo, turns it into a vector embedding and ranks nearby professionals whose work matches it.
- Developed the mobile app, FastAPI backend and admin dashboard, with Google and Apple sign-in, subscriptions and push notifications.

KostKord – Secure Retail Fulfilment Platform

Business & Consumer Apps | Google Play

Tech: React Native, TypeScript, Redux Toolkit, Socket.IO, Firebase (FCM), Google Maps, REST APIs

- Built two production apps (Business and Consumer) with order tracking, a lead CRM, NDA e-signing, real-time chat (Socket.IO, FCM) and an AI operations assistant.
- Set up and handled the full Play Store release: app signing, Firebase setup, deep links / App Links and store listing.

Waynaa – Location-Based Deals & Coupons App

Live on the App Store

Tech: React Native, TypeScript, Redux Toolkit, Firebase Auth, Google Maps, Geolocation, REST APIs

- Built one app for customers and merchants with a live deals map, Firebase phone OTP login and real-time location tracking.
- Built secure, location-bound QR coupons that merchants scan to redeem, and handled the App Store submission.

CoCarting – AI Party Planning & Collaborative Shopping App

Google Play & App Store

Tech: React Native, TypeScript, Firebase, OneSignal

- Built from scratch to release: AI-generated party plans, shopping lists and gift ideas for 30+ event types.
- Added shared wishlists, gift registries, group shopping with voting, real-time chat and duplicate-gift prevention.

PERSONAL PROJECT

PhysioCoach AI – AI Physiotherapy Coaching Platform

Mobile, Web & Backend

Tech: React Native, Next.js, FastAPI, PostgreSQL, MediaPipe, Groq (Llama 3.1, Whisper), WebSockets, Docker

- Patient app uses on-device pose estimation to count reps, score form and speak LLM-generated corrections in real time.
- Clinician dashboard with program builder, pain alerts and AI-written weekly reports, on an async FastAPI backend.

AWARDS

Excellence Award 2025 – TechloSet Solutions – recognised for consistent, high-quality delivery on client projects.

EDUCATION & CERTIFICATION

BS Software Engineering – University of Agriculture, Faisalabad | 2020 – 2024

Web & Mobile App Development (MERN, React Native, Firebase) – Saylani Mass IT Training Program | 2023