

USAMA HABIB

Full Stack Engineer | MERN | Next.js | FASTAPI

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Full Stack Engineer experienced in shipping production SaaS products end-to-end on Next.js, Node.js, and FastAPI. Owned end-to-end Stripe subscription architecture, built real-time systems with WebSockets (Socket.io), and led an SEO and performance overhaul that took a platform from poorly indexed to production-ready. Previously delivered fintech and prop-trading platforms across CFD, Forex, and Futures markets. Comfortable owning features from design to production in fast-moving teams, with hands-on experience integrating modern AI/LLM APIs into products.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python

Frontend: Next.js, React.js, Tailwind CSS, Context API, Framer Motion

Backend: Node.js, Express.js, FastAPI, REST APIs, WebSockets (Socket.io)

Databases: PostgreSQL, MongoDB, Supabase

Payments & Integrations: Stripe (Subscriptions, Checkout, Webhooks, Billing), PayPal

AI/ LLM: LLM APIs (Groq / Gemini), RAG & Vector Search (Supabase pgvector), Embeddings, Prompt Engineering

DevOps & Tools: Git, GitHub, CI/CD, VPS Deployment, Postman, Jira, Bitbucket

WORK EXPERIENCE

Full Stack Developer | Emergi Mentors

Jan 2025 – Present

Australian SaaS Mentorship Platform

- Led a complete frontend rebuild in Next.js, TypeScript, and Tailwind CSS, delivering a faster, fully responsive UI across the entire platform.
- Built end-to-end Stripe billing - plan management, checkout, cancellations, usage-based metering, and webhook handling across the full subscription lifecycle.
- Designed and shipped FastAPI backend APIs across five core modules: Job Board, Job Tracker, Purchase History, Usage Tracking, and Subscription Management.
- Drove an SEO and performance overhaul: migrated to SSR, implemented structured data and automated sitemaps, and optimized Core Web Vitals - taking the site from poorly indexed to production-ready with significantly improved search visibility.
- Worked directly with product and backend teams to ship features reliably in short cycles.

MERN Stack Developer | ZenDev Studio

Sept 2024 – Feb 2025

FinTech / Prop – Trading Agency

- Promoted from Intern to full-time Developer within 2 months based on shipping speed and code quality.

- Built full-stack features (MongoDB, Express, React, Node) for prop-trading dashboards and account-management systems.
- Developed RESTful APIs powering account funding, evaluation rules, and payout workflows used by prop-firm clients.
- Connected frontend dashboards to backend services with reliable data flow; collaborated with senior developers via Git-based workflows.

SELECTED PROJECTS

Wheelyst

Anonymous Vehicle & Pet Contact SaaS [Live Link](#)

- Full-stack ownership: built the complete Node.js/Express backend and contributed to the Next.js frontend for a privacy-focused SaaS that lets people contact vehicle and pet owners anonymously via QR codes.
- Engineered real-time scan alerts using Socket.io (WebSockets), anonymous messaging relay, QR generation and scan handling, and a voice-calling feature.
- Integrated full Stripe subscriptions across tiered plans (Starter / Pro / Fleet) and built an enterprise fleet-management module for B2B clients.

Super Engineer

SaaS for Security Alarm Engineers [Live Link](#)

- Built a FastAPI backend with user profile management, organisation features, and subscription-based access control.
- Implemented full Stripe integration: checkout plans, subscription lifecycle, payment receipts, and history tracking.
- Engineered team-management with reserved seat assignments and role-based access tied to active subscription tier.
- Integrated transactional email notifications for payment and user-activity events.

BexChange

Currency Exchange Platform [Live Link](#)

- Developed the Next.js + TypeScript frontend and Node/Express backend covering account management, deposits, withdrawals, and exchange operations.
- Built manual deposit-approval workflows and a role-based admin operations layer for different admin types.
- Implemented a two-way ticketing system and real-time chat using WebSockets for user support.

PrepAI

Exam-Prep SaaS (Ongoing)

- AI-generated personalized questions with automated evaluation and feedback.
- Full Stripe subscriptions with JWT authentication.

Boat Seat Reservation System

Cruise Admin Platform [Live Link](#)

- Built an admin-focused seat reservation system with interactive deck maps, real-time seat assignments, and passenger management.

- Implemented role-based workflows, bulk operations, statistics dashboards, and PDF generation for complete passenger lists.
- Designed a modular architecture with custom hooks for seat-state management and caching.

Additional projects (Algos Field, PropTech, FinoSharp) available on [portfolio](#).

EDUCATION

Bachelor of Science in Software Engineering
COMSATS University Islamabad

2020 - 2024