

Hamza Khan

📍 London ✉ HKVain786@gmail.com 🐙 devkhan786 in hamzakhan786 🌐 hamzakhan.site/

Skills

Languages	JavaScript (ES6+), TypeScript, HTML5, CSS3
Frontend	React.js, Next.js, Redux, Tailwind CSS, React Query, Zustand, Material UI, Shadcn
Backend	Node.js, Express.js, MongoDB, Mongoose, Firebase (Firestore, Cloud Functions), REST APIs, MERN Stack
Tools	Git, GitHub, Figma, Stripe, WebSockets, CI/CD Pipelines (GitHub Actions), Jest Testing, Agile Development

Professional Experience

Coding Samurai Feb 2025 – Mar 2025

Web Development Intern

- Selected for a competitive 4-week internship focused on advanced full-stack development, contributing to live projects under mentorship.
- Developed a Full-stack e-commerce MERN application with JWT authentication, Redux state management, and Stripe payment integration.
- Engineered a WebSockets-based Full-stack chat app using Socket.IO, enabling real-time communication between users.

Outlier AI Sep 2024 – Present

Freelance Software Developer

- Refactored 50+ modules of junior developers' code, reducing bugs, meeting project criteria and improving runtime efficiency.
- Audited and debugged AI-generated code for compliance with performance standards, achieving 100% adherence in final deliverables.
- Enhanced Large Language Model (LLM) outputs by integrating JavaScript frameworks, leading to more accurate responses.

Projects

AI-Powered Chat Assistant

- Developed an AI-powered application using the MERN stack, integrating Google Gemini AI to generate context-aware multi-modal responses.
- Created secure authentication via Clerk and JWT, with role-based access control and real-time chat synchronization using React Query.
- Engineered responsive UI components (collapsible sidebar, image uploads) using Image Kit and Tailwind CSS for accessibility and performance.
- Implemented automated CI/CD pipeline using GitHub Actions, enabling continuous integration and deployment to AWS EC2 Services.
- Integrated automated Jest testing with 85%+ test coverage for critical components (real-time chat, API endpoints) reducing bugs.

Amazon E-commerce Clone

- Engineered a fully responsive Amazon clone using Next.js, TypeScript, Firebase and Tailwind CSS with mobile-first design principles.
- Implemented secure user authentication with NextAuth, supporting multiple providers (Google, GitHub) and session management.
- Integrated Stripe payment processing with Web-Hooks handling for secure checkout flow and order management.
- Created a scalable product catalog system with Firebase Firestore database storage and DummyJSON API integration for product data.
- Deployed application using Vercel with CI/CD pipeline for automated builds on each commit, and Zustand for global state management.

Education

FreeCodeCamp Feb 2024 - Apr 2024

Certifications: Responsive Web Design & JavaScript Algorithms

- Web Development | HTML | CSS | JavaScript

Brunel University Sep 2022 - Sep 2023

MA Digital Games: Theory & Games Design

- Game Development | Unity Engine | C#

Brunel University Sep 2018 - Sep 2021

Computer Science BSc: Second Class Honours

- Software Development | Java | SQL