

Hamza Khan — Full Stack Developer

London | +44 7419 742148 | devhamzafullstack@gmail.com | github.com/devhamzafullstack

Portfolio: hamzakhan.site | LinkedIn: linkedin.com/in/devhamzafullstack

Professional Experience

Software Developer

Sep 2024 – Present

OutlierAI

- Debugged junior TypeScript React/Next.js codebases to improve web application code quality.
- Generated complex coding prompts using React and Next.js to test and enhance AI large language models.
- Conducted code review audits for AI-generated web development outputs using JavaScript and TypeScript.

Web Development Intern

Feb 2025 – Mar 2025

CodingSamurai

- Implemented MERN stack e-commerce platform with JWT authentication and Stripe payment integration.
- Built real-time chat application with Node.js backend and React frontend using Socket.IO for communication.
- Collaborated with agile development teams in a competitive four-week internship using Git version control.

Web Developer

Apr 2024 – Sep 2024

DataAnnotation

- Developed JavaScript/TypeScript training datasets to improve AI model problem-solving capabilities.
- Performed code quality assessments on AI-generated outputs against industry standards using JavaScript.
- Created technical documentation for code solutions to enhance AI model training and pattern recognition.

Projects

FPSBlogs | *Next.js, TypeScript, Firebase, GitHub Actions, Playwright, Jest, Framer Motion, Recharts*

2025

- Engineered SEO-optimized social platform with real-time updates using Firestore NoSQL database.
- Implemented Tiptap rich-text editor with SSR image uploads and Recharts data visualization.
- Established CI/CD pipeline using GitHub Actions, automating testing using Jest and Playwright.
- Containerized test environment using Playwright's Docker image for cross-browser compatibility.
- Achieved 95% test coverage through comprehensive Jest unit testing, completing SDLC methodology.

NextAI | *TypeScript, React, Express, Node.js, MongoDB, Jest, AWS EC2, Docker, AI Google Gemini*

2024

- Configured CI/CD pipeline using GitHub Actions with Docker containerization to AWS EC2.
- Built full-stack MERN AI chat assistant integrating AI for multimodal context-aware responses.
- Implemented Jest unit testing for core functionality validation, including API endpoint testing.

Amazon Clone | *Next.js, TypeScript, Firebase, Stripe, NextAuth, Zustand, Tailwind*

2024

- Developed responsive e-commerce platform with Stripe payment processing and webhook integration.
- Implemented authentication using NextAuth with Google/GitHub providers, enhancing user experience.
- Optimized global state management using Zustand with persistent cart storage and SSR compatibility.

Technical Skills

Languages: JavaScript (ES6), TypeScript, HTML5, CSS3

Frontend: React.js, Next.js, Redux, Tailwind CSS, Framer Motion, Zustand, Shadcn

Backend: Node.js, Express.js, MongoDB, Firebase Firestore, REST APIs

DevOps: Git, GitHub, CI/CD, GitHub Actions, Docker, AWS EC2

Testing: Jest, Playwright, React Testing Library, Unit Testing, End-to-End Testing

Education

Udemy

React Testing Library, Jest, and Playwright Automation Certifications

Mar 2025

FreeCodeCamp

Responsive Web Design & JavaScript Algorithms Certifications

Jun 2024

Brunel University

MA Games Design: Unity Engine

Sep 2022 – Sep 2023

Brunel University

BSc Computer Science: Second Class Honours

Sep 2018 – Sep 2021

Interests

Content creation, Manga, TV shows, Self-study, 3D Frameworks, Cats