

# Hamza Khan

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## Skills

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

## 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 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 Sept 2024 – Present

*Freelance Software Developer*

- Refactored 50+ modules of junior developers' code, reducing bugs and improving runtime efficiency.
- Audited 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

### Full-stack E-commerce Site

[www.hamzakhan.site/](http://www.hamzakhan.site/)

- Built a full-stack e-commerce application using React, TypeScript, Tailwind CSS, and Node.js with REST APIs.
- Managed application state and authentication using JWT & Redux, reducing unauthorized access incidents.
- Designed and implemented a visually appealing and high-performance UI using Figma and React components.

### Full-stack Spotify Clone

[www.hamzakhan.site/](http://www.hamzakhan.site/)

- Built a music streaming platform with React and Zustand, emphasizing accessibility and performance.
- Implemented robust authentication mechanisms, improving security and user trust.
- Designed an intuitive and responsive layout to provide an optimal experience across all devices.

### Full-stack Twitter Clone

[www.hamzakhan.site/](http://www.hamzakhan.site/)

- Created a full-stack social media platform using React, Node.js, and REST APIs with JWT authentication.
- Optimized API data fetching, ensuring a faster and more responsive experience.
- Designed engaging and dynamic UI elements with ShadCN, enhancing user engagement and usability.

## Education

### FreeCodeCamp

*Certifications: Responsive Web Design, JavaScript Algorithms*

- Web Development | HTML | CSS | JavaScript

### Brunel University

*MA Digital Games: Theory & Games Design*

- Game Development | Unity Engine | C#

### Brunel University

*Computer Science BSc: Second Class Honours*

- Software Development | Java | SQL