

# Hamza Khan

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Full-stack Software Developer with expertise in front-end technologies, adept at creating responsive, user-friendly web applications. Skilled in HTML, CSS, JavaScript, React, and Firebase, with a strong commitment to continuous learning and mastering new frameworks.

## Skills

Languages	C#, Java, SQL, HTML, CSS, JavaScript
Frontend	React, Tailwind CSS, Media Queries
Backend	Firebase, SQL
Tools	Git, GitHub, Unity, Adobe Creative Suite

## Projects

### E-commerce Website Sept 2023 - Present

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- Created a comprehensive e-commerce platform using React, Firebase & Tailwind CSS featuring a streamlined checkout system.
- Implemented advanced state management to support a dynamic shopping cart, real-time updates, and a seamless user experience.
- Designed and developed a robust product catalog with extensive search and filtering options, enhancing user navigation.
- Built a complete user account management system, including registration, login, and profile management.

### Real-time Chat Application Sept 2023 - Present

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- Developed a real-time chat application using React and Firebase, demonstrating strong proficiency in asynchronous data handling.
- Integrated WebSockets for seamless communication, significantly enhancing user engagement through instant, real-time interactions.
- Designed a responsive, accessible UI leveraging modern CSS frameworks, ensuring an optimal user experience across all devices.
- Built secure user authentication and messaging features with a focus on both performance and data security.

### Blog Website Sept 2023 - Present

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- Created a robust blog platform supporting Markdown, providing writers with flexible, easy-to-use content creation tools and features.
- Used Firebase for secure authentication and data storage, ensuring reliable user management and content persistence across sessions.
- Implemented React Router for smooth navigation, greatly improving the user experience and overall site accessibility.
- Styled the interface using advanced CSS techniques, resulting in a clean, modern, and professional look and feel.

### Android App & 3D Game Project 2018 - 2023

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- Developed a quiz app in Java & SQL, integrating comprehensive front-end and back-end functionalities.
- Created a 3D RPG game using C#, featuring procedural dungeon generation and advanced object-oriented programming techniques.
- Led 4 Scrum sprints as Scrum Master, improving team coordination and ensuring timely project delivery with high quality.
- Increased app usability through rigorous testing and debugging, leading to smoother user interactions and reduced error rates.

## Professional Experience

### Agency Staff 2018 - 2021

*Warehouse Assistant & Waiting Staff*

- Managed packaging and parcel sorting in a high-pressure environment, enhancing organizational and teamwork skills.
- Interacted with clients to fulfill orders efficiently, improving communication and customer service abilities.
- Assisted in streamlining warehouse operations, leading to a significant reduction in processing time.
- Developed strong multitasking abilities by handling multiple tasks simultaneously while maintaining quality.

## Education

### FreeCodeCamp Sept 2023 - Present

*HTML, CSS & JavaScript Certifications*

- Responsive Web Design | JavaScript Algorithms

### Brunel University 2022 - 2023

*MA Digital Games: Theory & Games Design*

- Game Development | Unity Engine | C#

### Brunel University 2018 - 2021

*Computer Science BSc: Second Class Honours*

- Software Development | Cyber Security | Java | SQL