# Casey Hsu

Toronto, ON | [casey-hsu@outlook.com](mailto:casey-hsu@outlook.com) | [Portfolio](https://caseyhsu.me/) | [GitHub](https://github.com/SimBuds) | [LinkedIn](https://www.linkedin.com/in/casey-hsu-750b39273/)

## Professional Summary

Passionate and adaptable developer with a focus on building scalable and user-friendly applications. Skilled in front-end frameworks, backend systems, and AI technologies. Experienced in crafting responsive applications and integrating APIs, with a strong foundation in Java, Spring Boot, and React. Excited to contribute to dynamic teams where creativity and innovation drive impactful solutions.

## Technical Skills

**Proficient In:**  
- Front-End: HTML, CSS, React, JavaScript, JSON, jQuery

- Back-End: Java, Spring Boot, Node.js, MongoDB, Docker

- Tools: Git, Postman, CI/CD Pipelines, RESTful APIs

- AI: Prompt Engineering, Python (Basic), AI/ML Fundamentals

- Design: Figma, Responsive Design Principles

**Familiar With:**  
- Digital Marketing Concepts: SEO, Content Marketing, Social Media Marketing

- Libraries: Angular, Bootstrap, Tailwind CSS

- Cloud Platforms: Azure, DigitalOcean

- Testing: Unit Testing (Jest, JUnit), Debugging Tools

- Accessibility: WCAG Standards, Cross-Browser Compatibility

## Projects

### **Capstone Project: Menu Master Restaurant Management System**

**Technologies: Java, Spring Boot, React, MongoDB, Docker**

**Role: Front-End Developer**  
- Led the development of a user-friendly, responsive front-end interface with React, enabling efficient management of inventory, menus, and employee data.

- Integrated the front-end with backend APIs developed in Spring Boot, ensuring seamless data flow and robust user interactions.  
- Optimized the CI/CD pipeline to reduce deployment errors by 30% and streamline the release process.

### **SpaceX Launch Tracker**

**Technologies: Angular, SpaceX API, TypeScript**

**Role: Full-Stack Developer**  
- Developed a real-time Angular application that integrates the SpaceX API, providing detailed information on upcoming and past launches.  
- Designed and implemented advanced filtering and search features, enhancing user experience and enabling quick access to launch data.

### Java Employee Management System

**Technologies: Java, Spring Boot, MongoDB, Docker, React**

**Role: Full-Stack Developer**  
- Designed and implemented secure CRUD functionality, including role-based authentication, ensuring data integrity and user privacy.  
- Developed a microservices-based architecture to enhance scalability, maintainability, and fault tolerance across application modules.

## **Education**

**Computer Programming and Analysis**  
**George Brown College, Toronto, ON | Graduation: April 2024**  
- Achievements: Dean’s List (All Terms)  
- Relevant Coursework: Advanced Data Structures, Object-Oriented Programming, Enterprise Java Applications, Machine Learning Basics, Full-Stack Applications.

## **Previous Career Experience**

### **Sous Chef**

**Various Companies | 2015 – Present**  
- Accumulated 10 years of diverse experience in a fast-paced, high-pressure environment, developing strong skills in time management, problem-solving, and teamwork.

## **Additional Information**

**Portfolio:** Showcases projects with live demos, including React and Spring Boot applications, highlighting front-end and full-stack development skills.

**Continuous Learning:** Actively researching Blockchain Development, Cybersecurity, and Business Applications to stay ahead of emerging technology trends and enhance technical expertise.