

Hyewon Ham

Toronto, ON

(647) 877-9588 | hhan29@my.centennialcollege.ca

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Full-Stack Developer

Java | C# .net development | Agile/Scrum | Analytical Thinking

Summary of Qualifications

- Current student of Software Engineering Technology Advanced Diploma, supplemented by a Bachelor of Computer Science Engineering degree
- Proficient in C#, Java, React, Python, RESTful API, MongoDB, Fast API, Next JS, Spring Boot, and Microsoft Azure
- Strong understanding of software development methodologies, including Agile/Scrum
- Experience with Git for version control, REST API development and integration, Google API Integration
- Strong ability in user-friendly interface design, algorithm development, and technical issue resolution
- Proven track record of effective collaboration within teams and autonomy in project execution

Education

Software Engineering Technology Advanced Diploma

Centennial College, Toronto, ON

Jan. 2023 - Present

GPA: 4.2/4.5 (A)

Core Skills: Mobile Application Development

Java Programming

Web Application Development

C# Programming

Data Structures and Algorithms

Database Concepts (SQL)

Bachelor of Computer Science Engineering

Inha Technical College, Incheon, Korea

Graduated: 2021

Relevant Work Experience

Full-Stack Developer | Centennial College, Scarborough, ON

Sep 2024 – Feb 2025

- Designed and developed responsive and user-friendly UI components using Next.js, React and TypeScript enhancing user experience.
- Implemented RESTful APIs using Django to support seamless communication between front-end and back-end systems
- Engineered efficient and scalable back-end systems using Fast API, adhering to best practices for maintainable code architecture

Software Developer (Co-op) | Faubert Lab, Montreal, QC

Oct 2019 - Dec 2019

- Developed system functionalities, ensuring comprehensive coverage of requirements
- Applied detail-oriented debugging techniques to rectify unexpected errors
- Engaged in weekly meetings to align with project objectives and refine requirements

Select Project Work

Betting with Card | Faubert Lab, Montreal, QC | Professional Project

- Analyzed requirements based on academic papers, ensuring alignment with functional and non-functional aspects
- Designed and iteratively updated user interfaces following Agile methodologies

PulsePoint Community Platform | Academic Project

- Developed a community platform using Micro Frontends (Vite Module Federation) and GraphQL microservices with Apollo Federation
- Built a Help Request feature with volunteer and resolution flows
- Integrated AI chatbot using LangChain.js and Google Gemini API
- Designed role-based frontend access and implemented federated schema communication

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Accessible Phone Application | Academic Project

- Implemented and tested Speech-to-Text(STT) and Text-to-Speech(TTS) functions via Google Cloud API integration, enhancing phone call accessibility for individuals with hearing impairments

Shoes Locker | Academic Project

- Designed and implemented an e-commerce web application using MongoDB and React
- Implemented and tested CRUD operation through REST API
- Managed project tasks and allocated to the team members to meet the deadline using Jira

Black Jack Game | Academic Project

- Utilized Java and JDBC to develop functional components for a Black Jack game

Pizza Order Application | Academic Project

- Designed and implemented a Windows Form application using C#, which allows users to place pizza orders and see order history

Landmarks in Toronto | Academic Project

- Implemented and tested Google Map functionalities via Google Cloud API integration, introducing various tourist attractions in Toronto city for tourists