

SOFTWARE ENGINEER

Full-Stack Developer | Database Design | Collaborative Workflow

Summary of Qualifications

- Currently enrolled in Software Engineering Technology Advanced Diploma at Centennial College
- Experience in programming languages such as C#, Java, and JavaScript, along with proficiency in web development using HTML/CSS and Node.js
- Skilled in database management, including SQL and MongoDB
- Experience in software tools such as GitHub, Notion, Visual Studio, IntelliJ IDEA, and MS Office suite
- Excellent problem-solver and fast learner who can work well independently, or as part of a team
- A creative professional with a design and visual arts background, used for creating user-friendly interfaces
- Multilingual in English and Korean, facilitating effective communication and collaboration

Education

Software Engineering Technology (Co-op) Advanced Diploma Centennial College, Toronto, ON	Jan. 2023 - Present GPA of 4.14/4.5(A)
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Relevant Courses:

Java Programming	Advanced Database Concepts	Software Systems Design
C#.NET Programming	Web Application Development	Client-Side Web Development
Testing & Quality Assurance	Web Interface Design	Unix/Linux Operating Systems

Bachelor of Engineering - Game Design Bachelor of Arts - Visual Studies Kongju National University, South Korea	Mar. 2017 - Feb. 2022
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Relevant Courses:

Game Programming	Game Planning & System Design	Game Engine(Unity & Unreal)
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Work Experience

Co-op Lab Assistant – Software Centennial College – SETA – ICET	April 2024 - Present
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- Updating scheduling software for the management of the entire research laboratory with JavaScript, CSS and Google Calendar API
- Deploying software on AWS EC2 to ensure rapid database access for multiple users.
- Conducting routine inspections and maintenance of equipment in network labs and gaming labs, including performing resets as needed and resolving technical issues occurring in the laboratory environment

VIP Staff - Cast Member Cineplex, Toronto, ON	April 2023 - Present
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- Mentoring and training new staff, honing skills in guiding others and communicating information effectively
- Collaborating within a team to provide exceptional customer service to guests, including taking and delivering orders within a fast-paced and high-volume environment
- Managing inventory efficiently, demonstrating organizational skills

Web Design & Office Administration Caielcompany Inc., Seoul, South Korea	Oct. 2019 - Dec. 2019
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- Managed customer information, shipping, and order details using MS Excel to support efficient order processing and client communication
- As a testament to client satisfaction, received additional project to design marketing materials and web pages

Key Skills

Programming: C#, Java, JavaScript, HTML/CSS, Node.js, React, Python, Kotlin

Database: Oracle, MySQL, MongoDB, MicrosoftSQLServer, SQLite

Tools: Git, Jira, Visual Studio, IntelliJ IDEA, AWS(Amazon Web Services), Notion, MS Office, Unity, Maya, Houdini

Academic Projects

Restaurant Webpage Design - Group Project

- Served as the Project Manager of a group project focused on developing a booking and register system
- Utilized JavaScript and React for both front-end and back-end development
- Integrated MongoDB for efficient data storage and retrieval

Travel Guide Software for Tourists

- Developed a travel guide software using Kotlin in the Android Studio development environment.
- Designed the app to categorize travel destinations by region and theme, making it easy for users to access desired information.
- Utilized Google Open Source APIs to display geographical locations effectively.

Pizza Shop Order

- Developed a comprehensive Pizza Shop Order System using C#.Net, showcasing proficiency in objected-oriented programming and software development
- Designed an intuitive user interface (UI) to facilitate customer order placement and menu selection

Advanced PAC-MAN Game

- Implemented classic Pac-Man gameplay mechanics, including character movement, enemy AI, and score tracking and added innovative features, such as speed-ups, enhanced graphics