Doowon Cho

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Education

Bachelor of Science In Computer Science, *University of Calgary* 2019 – 2026

Skills

Programming Languages
- Python, C#, JS, Java, Typescript, C ++, HTML, CSS

Platform/Tools
- AWS, Git, Jira, VS, Bamboo, Gitlab, Github

Database Technologies
- MySQL, SSIS, SSMS

Web Technologies
- .NET, Angular, React, Node.js, Bootstrap

Professional Experience

Full-Stack Developer Intern (ASP.NET, Angular, SQL), *Pason Systems* 2023 - 2024, Calgary, Canada

ASP .NET Framework Web Application
- Used **NUnit** testing to ensure code quality and reliability
- Used **C#** in **ASP.NET Framework**, integrating **SQL** for backend data operations
- Updated and created numerous web pages for additional and enhanced functionality
- Created a commercial invoice advanced searching page, which helped the Logistics/shipping team reduce their time looking through all old invoicing pages to find the exact criteria (took many hours) down to a few minutes
- **Utilized Bamboo CI/CD pipelines** running on **AWS** instance to build and run automated **NUnit** tests

Angular Web Application
- Led the upgrade of Angular app from **v12 to v15**, utilizing **Angular CLI** and refactoring components to support new features and ensure backwards compatibility as well as security improvements
- Conducted comprehensive UI testing using **Selenium**, identifying and resolving inconsistencies
- Used **Typescript** and **SQL** for development

Microsoft Teams Flow
- Developed a Microsoft Teams triage bot to automate the distribution of triage requests evenly among team members, reducing manual coordination
- Used **Microsoft Flow**

Contract Full-Stack Developer (React / Node.js), *Traffic Detours Inc* 2022 – 2023 Calgary, Canada

Lead developer of a 3-man team for creating an enterprise full-stack web application (organizational system for scheduling employee jobs, tracking job requests, etc...)
- Chose and implemented a full-stack tech stack using **React (frontend)**, **Express + Node.js (backend)**, and **SQL** for persistent storage
- Designed and deployed a relational **PostgreSQL** database on **Railway**
- Deployed the app on **AWS** using an EC2 instance
- Built interactive **React components** for viewing and updating job requests
- Developed and documented a **REST API** using **Express**, enabling full CRUD operations on job requests

Coding Instructor, *Coding With Kids* 2021 – 2022 (Remote)
- Taught children ages 5-18
  - Created lesson plans and was the sole teacher for multiple different groups
  - Web development, Roblox game creation, Minecraft modding, Python, and Java

Interests

Music Production | Basketball | Sewing