Samuel (Joo-Hun) Song

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Technical Skills

Languages	JavaScript · TypeScript · Python · Java · SQL · HTML · CSS · C#
Frameworks	.NET · React · ViteJS · NextJS · NodeJS · ExpressJS · Tailwind · GSAP · FramerMotion
Other	Git · Jira · AWS · CI/CD · Power BI · REST APIs · Agile Development · Supabase

Work Experience

Powerex | Full Stack Developer   Jan 2025 - present

- Effectively diagnosed and resolved backend issues in C# .NET applications by applying systematic debugging techniques, improving application stability and performance.
- Enhanced performance and reliability by assisting in refactoring backend logic and writing optimized Snowflake queries, resulting in a faster, more maintainable and efficient data insertion and retrieval for trading operations.
- Develop adaptability and problem-solving skills by learning unfamiliar tools and frameworks quickly to deliver features under evolving project requirements.

Oak + Fort | Floor Manager   June 2022 – August 2022

- Improved financial reporting through detailed Excel budget reports, streamlining communication with head office.

Tong Louie YMCA | Swimming Instructor   July 2016 – March 2019

- Communicated student progress through clear updates to parents, achieving stronger parent engagement.

Projects

Aldergrove Immanuel Church Website | [Website] | [Source Code]   May 2024 - June 2024

- Ensured cross-platform compatibility through developing a responsive interactive website, providing engaging and consistent user experience across devices.
- Communicated and collaborated effectively with clients to define requirements and drive project success.

Flaker | [Website] | [Source Code]   November 2023 - December 2023

- Designed and implemented scalable RESTful web services and APIs to handle real-time data exchange between client and server.
- Identified and resolved complex client-server communication issues, improving system reliability and performance by conducting in-depth debugging across the stack.

Green Banana | [Website] | [Source Code]   September 2023 - October 2023

- Designed and maintained a scalable database using AWS Relational Database Service (RDS) to ensure secure and efficient data management.
- Integrated the Cloudinary API to optimize image storage and retrieval, enhancing application performance and user experience.

Education

Bachelor of Science in Applied Computer Science (Network Security Applications Development) January 2024 – Present

British Columbia Institute of Technology

Diploma of Computer Science Technology (Database Specialization)   January 2022 – December 2023

British Columbia Institute of Technology

Interest | Guitar: Self taught with 15 years of experience, enjoy recomposing music as a hobby. Love camping.