

JI YOUNG KIM

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TECHNICAL SKILLS

- **Languages:** Java, Python, JavaScript, TypeScript, C#, PHP, SQL, HTML, CSS
 - **Frameworks & Libraries:** Spring Boot, React, Redux, Node.js, Express, NestJS, .NET, LangChain, jQuery
 - **Databases & ORMs:** MySQL, PostgreSQL, MS SQL, MongoDB, SQLite, JPA, TypeORM, Entity Framework
 - **Tools & Platforms:** Git, Docker, REST, GraphQL, AWS (EC2, S3, Lambda, RDS, IAM, VPC, CloudFront), Azure (Portal, DevOps), GCP, Jenkins, Datadog, Postman, Pandas
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WORK EXPERIENCE

Software Developer, Inno Foods Inc., Langley, BC Jan 2025 – Present

- Built and deployed full-stack internal and external applications with **Java, Spring Boot, React, and AWS**, enabling employees to self-serve workflows (e.g., gym booking system) and improving operational efficiency.
- Designed **RESTful APIs and relational data models** on MySQL/RDS to support scalable, secure, and maintainable features.
- Automated cross-department workflows by integrating **external APIs** (e.g., OpenAI, Microsoft Graph, Klaviyo), reducing manual workload and supporting data-driven decisions.
- Developed and trained an **AI chatbot** (Python, LangChain/LangGraph) to provide employees with self-service support, scheduled for integration into the corporate website.
- Maintained and optimized two **WordPress commerce platforms** (PHP, WooCommerce, jQuery), improving usability, accessibility, and mobile performance.

[Skills: Java, JavaScript, Spring Boot, React, MySQL, AWS, Python, LangChain, PHP, WooCommerce]

Web Development Co-op, BGC Engineering Inc., Vancouver, BC Sep 2023 – May 2024

- Engineered real-time data dashboards and configurable forms using **React and Formik** for geohazard monitoring SaaS tools.
- Refactored legacy **.NET APIs** and managed data migration of ~2M SQL records, improving ETL performance and reliability.
- Implemented granular **role-based access controls** for enterprise clients (C#, Entity Framework, MS SQL).
- Integrated **ESRI GIS services** to enrich spatial analysis capabilities and enhance end-user mapping functionality.

[Skills: JavaScript, TypeScript, React, C#, .NET, Entity Framework, MS SQL, Pandas]

Software Engineering Intern, Calabrio, Inc., Vancouver, BC Jan 2023 – May 2023

- Improved cloud performance by redesigning **AWS S3** file operations via backend logic in **Java and Haskell**, reducing server latency by 15%.
- Monitored backend services using **Datadog**, resolving incidents and improving observability.

[Skills: Java, Haskell, PostgreSQL, Datadog]

Reservist, National Defence, Vancouver, BC Nov 2016 – Dec 2019

Served in the Canadian Army for over 3 years, developing discipline, teamwork, and operational readiness.

Piano Instructor, Lower Mainland, BC May 2015 – Dec 2019

- Taught piano and music theory to students of varying skill levels, building communication skills.
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EDUCATION

Bachelor of Computer Science Sep 2020 – Aug 2024

University of British Columbia, Vancouver, BC

- **Relevant Coursework:** Data Structures & Algorithms, Software Engineering, Computer Networking, Relational Databases