JI YOUNG KIM

 LinkedIn | 236-668-3599 | KimPukku.com | goldie.kim89@gmail.com

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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, ensuring modular, secure, and maintainable architecture.
- Automated cross-department workflows by integrating **external APIs** (OpenAI, Microsoft Graph, Klaviyo), reducing manual workload and supporting data-driven decisions.
- Developed and trained **AI chatbots** (Python, LangChain/LangGraph) for internal knowledge sharing and external customer support.
- Maintained and optimized **WordPress commerce platforms** (PHP, WooCommerce, jQuery), improving performance, accessibility, and mobile usability.

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

Web Development Co-op, BGC Engineering Inc., Vancouver, BC   Sep 2023 – May 2024
- Engineered real-time dashboards and configurable forms using **React and Formik** for geohazard monitoring SaaS tools.
- Refactored legacy **.NET APIs** and migrated ~2 million 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 enhance spatial analysis for end-users.

  [*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 3+ years, building 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.

EDUCATION

Bachelor of Computer Science   Sep 2020 – Aug 2024
University of British Columbia, Vancouver, BC
- **Relevant Coursework**: Data Structures & Algorithms, Software Engineering, Networking, Relational Databases