LUCAS GAUK

Full Stack Developer

Contact

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📍 Quebec City, Canada
(Open to relocation)

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🔊 (780) 243-4683

Education

📍 Bsc. Computer Engineering
University of Alberta

Skills

⚙ **Spring Boot**
2 Years

A **Angular 2+**
2 Years

Apache Kafka
2 Years

🍃 **MongoDB**
3 Years

Git
5 Years

🦭 **MariaDB**
5 Years

GraphQL
1 Year

Professional Experience

Full Stack Developer
Paradocs Mountain Software

Sept 2018 - Present

Used Spring Boot, MongoDB, Apache Kafka, and Apache Avro to create event driven API microservices to handle sales, access control, product configuration, and more.

Used Angular to create multiple front end applications. Certain apps were bundled using Electron to enable more complex integration with payment terminals, thermal printers, scanners, and access control gates.

As the lead developer in charge of reporting, leveraged the MongoDB aggregation pipeline and change streams to provide complex reports, live charts, and graphs to our end users using data from all of our various microservices.

Used Spring WebFlux and WebSockets to create applications that were kept up to date in real time. Things like shopping carts, access control interfaces, reports, and more could react and respond to changes in the database instantly.

Helped train new team members in Spring and Angular best practices, conventions, and project structure. Reviewed commits and participated in code reviews with other team members.

Used Jenkins, Kubernetes, SonarQube and Ansible Playbook to enable a complex CI/CD pipeline that audited, tested, and deployed our projects in response to changes in our GitHub repositories.

Part of a small, tightly knit team using YouTrack to empower Agile development. Limited developers and tight schedules helped increase my ability to rapidly shift between projects and learn new libraries, frameworks, and DevOps tools on demand.

Provided customer support in French and English for our deployed applications. Used TeamViewer and on site visits to document and fix bugs in our software.

Access Developer
Alberta Health Services

2017 (Co-op)

Redesigned and repaired the AHS Value Added Benefits Access database. Complete overhaul of SQL table design and VBA code in order to reduce complexity, decrease code length, and adhere more closely to standard Access design conventions.

Java Developer
Alcatel Lucent / Nokia

2017 (Co-op)

Created Java applications that leveraged Nokia's Motive CDP IoT device management platform and the OMA LWM2M protocol that were used by internally as training and released to the public as documentation for the platform.

Access Developer
Rio Tinto Alcan / Strathcona Works

2016 (Co-op)

Redesigned and rebuilt the Strathcona Works Microsoft Access database from the tables up. The database was used to log the plant's work orders, preventative maintenance, and equipment. Complete overhaul of SQL tables and VBA code.

References available upon request.