Christophe Lé

Staff Backend Engineer

Backend at heart, passionate about DevOps, motivated by complex business and tech challenges, I am seeking to join a dynamic and motivated team in a company that makes sense.

◉ Montreal, QC
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💬 French, English

EXPERIENCE

Staff Software Engineer
AppDirect
E-commerce
2018-Present
Montreal, QC

As part of the Catalog Team, we worked on designing, maintaining, and evolving the core concepts of a Product and a Catalog in a marketplace, as well as ISV integrations. Those main areas allowed me to have deep knowledge of the 10 years old Java monolith, which was critical to lead the very first business logic extraction of the company in uServices (NodeJS/Typescript, MongoDB, GraphQL/Apollo Federation), along with offering core domain features through APIs (Java/Kotlin, MySQL/Redis) related to strategic company offerings (Checkout/Commerce v2).

In the last year, I gave a shot at being a part-time Product Owner around improving our Customer Developer Experience, and designing upcoming features from both a customer and company prospectives. Besides, I acted as the Technical Leader of the Catalog Team, and as the goto person for both critical and time-sensitive questions regarding the Catalog domain.

To improve developer enablement, I *side-tasked* Java libraries to facilitate repetitive integrations (mostly IAM); platform-level component helpers to streamline resource usages within the monolith; as well as ChatOps tools for Slack.

Java/Spring Stack & Quarkus, JPA/Hibernate, GraphQL/Apollo Federation, Python 3, RabbitMQ/AMQP, Kafka, Redis, MySQL, Neo4j, Docker, Kubernetes

Software Engineer
CLX Communications
Telecommunications
2015-2018 (3y)
Montreal, QC

In a small development team in AGILE/Scrum, we designed a asynchronous REST API to offer customers an easy way to manage SIM cards provisioning (Java/Spring, MySQL/RabbitMQ/Redis), along with its billing system (Java/Golang). We also enriched of new features a Campaign/Alerting SaaS to manage complex subscription lists to send SMS and E-mails (Java/Spring + Python/Django, MongoDB/Redis/MySQL/PostgreSQL, Angular), mostly used by Canadian Transportation Companies. I also became the primary contact for technical questions (both RFP and onboarding new clients) on this product.

Apart from legacy software and hardware maintenance, I introduced new tools to improve development across teams (Dockerization of projects + Compose). I also took part to the maintenance and evolution of the Montreal Infrastructure (DevOps), including the introduction of Hubot through Slack.

Java/Spring Stack, JPA/Hibernate, Python, Golang, RabbitMQ/AMQP, Redis, MySQL, PostgreSQL, ElasticSearch, Docker/Compose/Swarm, Tomcat, Jenkins, Nagios, Puppet, Amazon Web Services

EDUCATION

M.Eng in IT
École de Technologie Supérieure
2011
Montreal, QC

My Master Thesis was to lead a feasibility analysis and suggest recommendations to introduce a BI solution focused on student academic profiles and course activities. I had to gather and translate business needs, in order to present an adapted architecture to realize a proof-of-concept.

BACK

Java (Spring, Quarkus), Python 3, NodeJS/Typescript, Golang
PostgreSQL (+PL/pgSQL), MySQL, Oracle (+PL/SQL)
MongoDB, Redis, ElasticSearch, Neo4j
Redis, RabbitMQ (AMQP), Kafka
Data & API Modelisation (REST & GraphQL), Testing Strategies

FRONT

HTML5 (React)
CSS
JavaScript

MISC.

CI (Jenkins/Gitlab, Docker/Compose, Kubernetes)
Infra Architecture (Caching, Load-Balancing, Auto-Scaling, Autodiscovery)
ChatOps, Observability
*aaS (Amazon Web Services, Heroku, OpenShift)
AGILE (Scrum, Kanban)