

Olivier Bourgeois

Software developer with a focus on cloud, back-end development, and developer experience

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Industry Experience

Google

Software Developer, DevRel

Nov. 2020 – Present

Waterloo, ON

- Tech lead for Bank of Anthos, a reference multi-service application leveraging Google Cloud.
- Leads the developer experience engineering planning for Google Kubernetes Engine (GKE).
- Maintains sample applications and client libraries for GKE and Anthos products.
- Designs and develops core technical tutorials for GKE and Migrate for Anthos.
- Engages with internal partner teams to enhance the Google Cloud on-boarding experience.

Dell EMC

Sr. Software Developer

June 2018 – Nov. 2020

Moncton, NB

- Developer on a software offering for storing and analyzing high volumes of streaming data.
- Led a team of five developers to implement and streamline product upgradability.
- Implemented feature from PoC to release to reduce latency and improve data throughput tenfold.
- Developed Kubernetes operators and service brokers for Pravega and Flink analytics.
- Led a team of quality assurance engineers to develop and refine new testing processes.
- Designed and developed a flexible Kubernetes PaaS installer used in multiple projects.

Projects

XIV ToDo

Founder and Lead Developer

May 2021 – Present

<https://xivtodo.com>

- XIV ToDo is a companion web app for the massively multiplayer online game, Final Fantasy XIV.
- Provides useful character-based dashboards, tailored checklists, and tools.
- Build from scratch using Vue.js, Firestore and Cloud Run, and available open source on GitHub.
- Receives a sustained 500 unique daily visitors as of mid-2023.

Education

Mount Allison University

B.Sc. Computer Science, Mathematics Minor

Sept. 2014 – May 2018

Sackville, NB

- President of the Mathematics and Computer Science Society.
- Senior team member for the International Collegiate Programming Contest.
- Teaching Assistant for the Department of Mathematics and Computer Science.
- Peer tutor for the Meighen Centre for Learning Assistance and Research.

Technical Strengths

Languages

Java, Golang, Python, Shell, Kotlin, C++

Web

HTML5, CSS3, JavaScript, Vue.js, Bootstrap, WordPress, jQuery

Tools

Git, Google Cloud, Kubernetes, Docker, Terraform, Atlassian, Jenkins, Ansible

Concepts

Algorithm Design, RESTful Principles, Agile Methodologies

Systems

Linux, macOS, Windows