

Olivier Bourgeois

Software developer with a focus on cloud, back-end development, and developer experience
bourgeoisor@gmail.com — <https://olivi-eh.dev>

Industry Experience

Google

Sr. Software Developer, DevRel

2020 – Now

Waterloo, ON

- Tech lead for two Google Cloud reference applications, microservices-demo and bank-of-anthos.
- 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 Anthos.
- Engages with internal partner teams to enhance the Google Cloud on-boarding experience.

Dell EMC

Sr. Software Developer

2018 – 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

Creator and Lead Developer

2021 – Now

<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.
- Built from scratch using Vue.js, Firestore and Cloud Run, and available open source on GitHub.
- Receives a sustained 500+ daily active users and 700,000+ yearly page views.

Education

Mount Allison University

B.Sc. Computer Science

2014 – 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

Go, Python, Java, C++, Shell

AI

Gemini, Vertex AI, GPT, LangChain

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