

# Dylan Batista-Moniz

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## Education

Polytechnique Montréal

September 2018 – May 2023

Bachelor's in Software Engineering (B. Eng.)

## Technical Skills

dylan@batista-moniz:/technical-skills\$ ls

Python	■■■■■	JavaScript	■■■■■	TypeScript	■■■■■	SQL	■■■■■	C++	■■■■■	Java	■■■■■
Bash	■■■■■	React	■■■■■	Node.js	■■■■■	Express.js	■■■■■	MongoDB	■■■■■	Git	■■■■■
Docker	■■■■■	Linux	■■■■■	Kubernetes	■■■■■	OpenShift	■■■■■	GCP	■■■■■	AWS	■■■■■

## Experience

Software Engineer – Bell Canada

May 2023 – Present

In charge of the designing and implementing software and network solutions to improve the experience of internet service customers.

Skills used: Bash – Python – TypeScript – SQL – Linux – Ansible – OpenShift – Virtualization – Networking  
Oversaw:

- Development, deployment and maintenance (K8, OpenShift) job scheduling apps.
- Extensive development of bash scripts used on 3M customer modems (Linux) multiple times a day.
- Configuring, monitoring & managing of a server (RHEL) infrastructure and 3M devices through Ansible.
- Optimization of Bell's speed testing server infrastructure to improve customer experience. (Linux, Networking)
- Virtualization and containerization of existing solutions to improve scalability and portability of network solutions. (Docker, K8, OpenShift)
- Development and maintenance of apps on GCP.

Data Analyst Intern – Bell Canada

May 2022 – October 2022

Queried and analyzed data related to Bell's network to find and fix issues impacting customer experience.

Worked closely with Data Engineers and Network Engineers and was involved in the implementation of new network solutions.

Skills used: SQL – Trino (SQL) – Python – Hadoop – Hive – Splunk – MicroStrategy – Excel – Linux – Networking  
Oversaw:

- Writing queries and scripts to obtain data related to Bell's network. (SQL, Python)
- Analyzing data to find issues, patterns and to predict and evaluate impacts of changes in the network. (Excel, MicroStrategy, Splunk)
- Configuration of servers related to the initiatives of the team. (Linux, RHEL, Networking)

Software Automation Engineer Intern – Bell Canada

September 2020 – September 2021

Automated various tests using the Selenium framework & Appium automation tool. Worked closely with Network Engineers and Network Architects in an Agile work environment.

Skills used: JavaScript – Node.js – Express.js – Python – Ruby – MongoDB

Oversaw:

- Automating tests that were previously done manually on smart devices. (Ruby, Selenium, Appium)
- Developing a RESTful API used to transmit documents from dockerized environments to remote servers. (Node, Express, Docker)
- Developing a data visualization tool able to collect JSON documents from a MongoDB database and generate graphs from the same data. (Python, MongoDB)