

# MATTHEW CABRAL

matthew.cabral@mail.mcgill.ca | 514-743-7101 | <https://matthew-cabral.com/>

## Education

**McGill University - BEng in Software Engineering Co-Op (3.86 GPA)** Sept. 2021 - May 2025

**Courses:** Design of Computers including ARM assembly language, Design Specifications to meet client requirements, Model Based Programming including UML diagrams, Version Control, Object Oriented Programming, Time Complexity, Algorithms, and Data Structures.

## Skills

**Languages:** Java, Python, JavaScript, HTML, CSS, PHP, TypeScript, C

**Technologies & Frameworks:** React.js, Next.js, Umple, Spring, Selenium, Laravel, Git, Gerrit

**IDE & Text Editors:** VS Code, Eclipse and Vim, Bash, ZSH

**Operating Systems:** Mac OS, Debian, Raspbian, Windows

## Professional Experience

### Ericsson Canada Inc.

Software Developer – Cloud RAN

August 2022 - Present

- Developed portal for client to visualize and provision network nodes and create and manage customers on the network.
- Used HTML, CSS, and JavaScript for the frontend, Go for the backend, MongoDB cluster as a database, and Kubernetes resource for customer data.
- Deployed the application using OpenShift and Kubernetes cluster on our labs via MobaXterm over SSH.
- Wrote Bash scripts to automate deployment process.
- Worked with GitLab Rosetta for Version Control.

Software Developer Intern – BA Cloud Software & Services

May – August 2022

- Developed web application use case and API to demonstrate to client how to data channels and 5G.
- Used HTML, CSS, and JavaScript for the frontend, Typescript for API, and Webpack for bundling.
- Worked with Gerrit and its code review workflow.
- Operated locally using Debian Buster.

### Community of Hackers and Programmers (CHAP) Club

Co-President

July 2022 – Present

- Created a club to provide members with an opportunity to create small to medium scale projects to gain experience while also creating viable software solutions.
- Managed a team of executives to oversee club aspects such as project development, organization of hackathons, media operations, and public presence.

## Personal Projects

### WorkPlanner

August 2022 – Present

- Developed React Native mobile application for client in need of employee management system.
- Created Java Spring REST API to interact with the database.
- Containerized each aspect of the application using Docker Compose to ease development.
- Used React Native for the frontend, Java Spring Boot for API, SQL relational database, and Jira Software for Agile workflow.