


# Rafael de Abreu Gomes

Software Engineering Student | University of Toronto

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*Solution-driven Software Developer enrolled at the University of Toronto coding Bootcamp, and currently pursuing a certificate in Kubernetes and OpenShift technology with Red Hat. With a proven track record, demonstrating success in the technology, television, and education industries. Where through teamwork and leadership contributed to implementing innovative solutions. Knowing both front-end, and back-end technologies, the next goal to enter the Tech sector is a role in Software Engineering.*

## SKILLS

### General

#### Tools & Platforms

JavaScript (ES6), HTML, CSS

#### Databases

MySQL, MongoDB

#### Libraries & Frameworks

jQuery, Bootstrap, Node.js, Express

#### Architectures, Patterns and Software Engineering Practices

Microservices, Serverless, REST APIs, MVC, Functional Programming, S.O.L.I.D concepts of Object-Oriented Programming (OOP), Test-driven Development (TDD), DOM

#### Agile Methodologies

SCRUM

#### Source Control

Git

#### IDEs

VSCode

#### Operating Systems

MacOS, Windows, Linux

## Cloud Native

### Platforms

GitHub, GitLab, Heroku

### Containerization

Docker, Kubernetes, OpenShift, Podman

### Messaging

Kafka

## EDUCATION

### University of Toronto

Apr 2022 - Oct 2022 // Toronto, ON

Certificate in Software Engineering

### Anderson College of Health Business and Technology

Winter 2018 // Toronto, ON

College Diploma in Business Management and Administration

### Colégio Adélia Camargo Corrêa

Dec 2012 // Guarujá, SP, Brazil

College Certificate in Data Processing (IT)

## PROJECTS

### CHARGE IT UP | ev-mapper

Web app built with HTML, CSS, Tailwind and JavaScript, using various web APIs for visualizing the nearest EV charging stations in North America.

**View it on GitHub:** <https://github.com/rfabreu/ev-mapper>

### CLI Tool | README-generator

A CLI utility tool built with JavaScript using the Inquirer library to assist developers to quickly generate professional README files.

**View it on GitHub:** <https://github.com/rfabreu/README-generator>

## EXPERIENCE

### Master Control Operations (TV Broadcasting) & Videographer @ FPTV

April 2018 - Present // Toronto, ON

- ▷ Create and edit digital media content, synchronize and switch servers and satellites for broadcast and streaming, ensure quality audio operations and proper footage filming
- ▷ Work with a variety of different tools to monitor broadcast quality of live and taped television programs and ensure programming grid success, and operate equipment and systems to receive and broadcast signals and to regulate clarity and range of sounds and colors
- ▷ Set up, operate and troubleshoot a wide range of production and broadcasting equipment to pick up and select feed sources from different locations and to air television programs and commercials
- ▷ Communicate and collaborate with teams of engineers, designers, producers, editors, clients, and stakeholders on a daily basis, and mentor and supervise other operators and production crew
- ▷ Implemented scalable solutions, most notably the NewTek Trickster (TC-8000) used for live production broadcasting and streaming with virtual live sets, bringing considerable increase in quality and viewership to programs

### Assistant Manager @ FPTV

Jul 2018 - Aug 2018 & Oct2020 // Toronto, ON

- ▷ Planned, developed and maintained production schedules for publications, filming, broadcasts, record and video productions
- ▷ Supervised human resources operations, training and mentoring to ensure success and industry quality standards
- ▷ Collaborated with government regulatory agencies to evaluate and review programs and policies
- ▷ Initiated or approved development of articles, films, broadcasts, musical recordings, and programs
- ▷ Assisted in establishing procedures and implemented policies, for news and publishing, for record and video production in the television channel (station)

### Executive Assistant & IT Support @ Impact Drywall

Jan - June 2017 // Toronto, ON

- ▷ Worked closely with management to develop the business, and developed the company website using HTML, CSS, Bootstrap, and JavaScript

### IT Manager @ Colégio Adélia Camargo Corrêa

Apr 2013 - May 2015 // Guarujá, SP, Brazil

- ▷ Maintained major features of company's customer-facing web app using JavaScript, HTML, CSS, Bootstrap and Joomla!
- ▷ Proposed and implemented scalable solutions to issues identified with organizational and technical areas of the IT department