Rafael de Abreu Gomes

Software Engineer | Web Developer

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Solution-driven Software Developer graduate from the University of Toronto coding Bootcamp, and certified in Kubernetes with experience in Red Hat's OpenShift technology. With a proven track record, demonstrating success in the technology, television, and education industries. Where through teamwork and leadership contributed to implementing innovative and effective solutions. Experienced in both front-end, and back-end technologies, with skills ready to be deployed into the Tech sector as a Developer.

SKILLS

Git, Python, HTML5, CSS, JavaScript, MySQL, SQL, MongoDB, DOM, JQuery, Bootstrap, Tailwind, Node.js, REACT, Microservices, Serverless, S.O.L.I.D concepts of Object-Oriented Programming (OOP), MVC, REST APIs, Test-driven Development (TDD), SCRUM (Agile), VSCode, PyCharm, JupyterHub, MacOS, Linux, Windows, GitHub, GitLab, Heroku, Docker, Kubernetes, OpenShift, Podman, Kafka, Computer Science, IT Support

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PROJECTS

MERN App | SecondChance https://github.com/rfabreu/second-chance| https://second-chance-e-commerce.herokuapp.com/
An e-commerce solution built with the MERN stack, developed to allow users to buy and sell second-hand items.

TV Channel Website | FPTV (https://fptv.ca)
A website developed while working at FPTV to gather leads and convert traffic into new clients and subscribers for the TV channel.

CLI Tool | README-generator (https://github.com/rfabreu/README-generator)
README-generator is a CLI utility tool built with JavaScript using the Inquirer library to assist developers to quickly generate professional README files.

CHARGE IT UP | ev-mapper |https://github.com/rfabreu/ev-mapper|https://tarequem.github.io/ev-mapper/
Charge it up is an application that helps electric vehicle owners find charging stations near a postal code or zip code across North America. This project was built in collaboration with other developers using HTML, CSS, Tailwind framework and JavaScript, along with other APIs, such as NREL API, openweather API, and Bing Map API.

WORK EXPERIENCE

MCO - TV Production

FPTV - Toronto, ON   November 2016 to Present
Responsible for running the television channel's broadcasting operations:
• Supervised, trained, and mentored other broadcast technicians and team members to ensure success
• Successfully developed the channel's website helping to convert leads into new clients and viewers
• Created digital media content, sync and switch servers and satellites for broadcast and streaming
• Actively ran numerous live TV shows (newscast, talk shows, entertainment, sports, breaking news) with Canada wide viewership
• Effectively collaborated with teams of engineers, designers, producers, editors, clients, and
stakeholders on a daily basis, and mentored and supervised other operators and production crew
• Implemented scalable solutions, most notably the NewTek TriCaster (TC-8000) used for live production broadcasting and streaming with virtual live sets, bringing considerable increase in quality standards and viewership to programs

Videographer

FPTV - Toronto, ON   April 2018 to Present
Operated motion picture and video cameras and related equipment to record news, live events, videos and television broadcasts:
• Supervised, trained, and mentored other videographers, leading to establish good team foundations

• Met with director and members of production crew to discuss assignment and determine filming sequences, camera movements and picture composition, delivering premium content as a result
• Set up, operated and troubleshooted a variety of TV production and broadcasting equipment
• Selected and set up camera equipment to be used and attach lens, filters and film magazine to camera, increased productivity by implementing new practices
• Applied procedures for adjustments in scene and camera settings for optimal results, helped increase quality by guiding crew to follow best practices and industry standards

Executive Assistant and IT Support

Impact Drywall Inc - Toronto, ON   August 2016 to November 2016
Worked closely with management to develop the business, and was responsible for the IT operations:
• Developed and managed the company's website using HTML, CSS, Bootstrap, and JavaScript
• Set up computers, networks, and implemented digital solutions
• Took charge in reviewing contracts, processing invoices, organizing payrolls, and recruiting new team members

IT Manager

Colégio Adélia Camargo Corrêa - Guarujá, SP   2013 to 2015
Managed the department of Information Technology working alongside the board:
• Onboarded and provided continuous professional development to 20+ staff members, and Managers resulting in a reduction in employee turnover rate and increase in goals success
• Developed and maintained major features of the company's web app using JavaScript, HTML, CSS, Bootstrap and Joomla!
• Proposed and implemented scalable solutions to issues identified with the business development and technical areas of the IT department, including but not limited to: network and communication, computerized systems, remote environments
• Ran software and hardware management operations, including: research, acquisition, training, development, maintenance, support, scalability
• Worked alongside private school board and government officials to set technological ground to implement the VENCE program, which offered private professional education to lower income students at no cost to students and increased the number of paying students by 100%

EDUCATION

Certificate in Web Development
University of Toronto - Toronto, ON   April 2022 to October 2022
Certificate in Kubernetes
Red Hat Student Education Programme - Kubernetes Bootcamp - London, UK   August 2022
Diploma in Business Administration
Anderson College of Health, Business & Technology - Toronto, ON   May 2017 to January 2018
Secondary School in English
International Language Academy of Canada - Toronto, ON   December 2015 to May 2016
Law School
ESAMC Law University - Santos, SP   January 2014 to December 2015
College Diploma in Information Technology - Technical Education
Colégio Adélia Camargo Corrêa - Guarujá, SP   January 2011 to December 2012

LANGUAGES

• English - Fluent   • Portuguese - Fluent