

Godfrey Cortez

3B Computer Engineering | University of Waterloo

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Skills & Qualifications

Programming - Javascript/Typescript, Java, SQL, C, C++, C#, HTML/CSS

Frameworks - React/Redux, Angular, Spring Boot, JQuery, Express (Node), Mocha, Bootstrap

Tools - PostgreSQL, Keycloak, Git, Visual Studio Code, Linux

Experience

DevOps Engineer Co-op, Scotiabank, Toronto

Nov. 2020 - Dec. 2020

- Worked on the bank's CI/CD pipeline within the PLATO (Platforms) group using React and Spring Boot
- Improved the user experience by adding new features such as adding a search function to a deployment's log, modifying and adding new emails which notified users the status of their deployment, and correcting UI/UX bugs
- Hosted United Way Charity events to promote awareness and participation in the campaign
- Taught lunch & learns on agile and communication within the workplace, such as user story splitting and the bullwhip effect

R&D Developer, International Financial Data Services, Toronto

Jan. 2020 - April 2020

- Built a full stack web application (proof of concept) using Angular, Java Spring Boot, and PostgreSQL to improve the environment provisioning process for developers
- Experimented with technologies such as a Kubernetes and NGX-Graph to prototype architectural solutions, significantly reducing the time required to deploy new testing environments
- Secured both the frontend and backend using keycloak as well as integrated UI libraries Kendo UI for Angular components and CoreUI for layout

Software Engineer Co-op, Scotiabank, Toronto

May 2019 - Aug. 2019

- Reconstructed a web application using React and NodeJS, helping to manage the cashflow regarding internal and external deals
- Used various libraries and node modules such as Charts.js and Reactstrap to create a dashboard interface for cash reporting and Oracledb to connect to an oracle database
- Redesigned components of the original Java application into more testable, easy to understand, and overall more maintainable components

Software Developer - Innovation Squad, Scotiabank, Toronto

Sept. 2018 - Dec. 2018

- Developed a chatbot using NLP.JS, a natural language processing framework, which aggregated trading data allowing equity traders to easily query information significantly improving the speed of their workflow
- Developed a separate REST API to facilitate communication between an Oracle database and the app
- Worked in an agile environment following best practices for software development such as test-driven development, pair programming, daily stand-ups, and regular code reviews

Projects

- Learning how to develop in Unity to make games
- Created a personal website with the use of Bootstrap which acts as a companion to my work experience and projects; hosted on Azure and backed by Cloudflare (godfreycortez.com)
- Developed a cross-platform app using C# and the Xamarin framework for a local baseball coach so that they can plan out the positions of their players during a game while ensuring that they follow the rules