

# EMMANUEL OPPONG

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## Summary:

I am an experienced Full-Stack Developer with a core focus on front end technologies with over 6 years of experience in designing and developing web applications for major financial institutions like TD, RBC and CIBC Bank, as well as for retail giant Home Depot. I am proficient in Angular, with over 6 years of experience, and have recently expanded my skillset to include Vue.js, with 1 year of experience. I am a detail-oriented developer with a passion for creating innovative solutions that enhance the user experience.

## Technical Skills:

- Angular (versions 1-14), TypeScript, NgRx, NGXS, RxJs
- Vue.js, Vuex, JavaScript, RESTful APIs, Microservices
- HTML, CSS, SASS, Bootstrap, Angular Material, PrimeNG
- JavaScript, NextJs, ReactJs, jQuery, Node.js, Express.js, Webpack
- Git, SVN, Bitbucket, GitHub, Jira, TDD
- Agile/Scrum Methodologies
- Heroku, Jenkins, Bamboo, GitLab

## Most Relevant Experience:

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### Front-End Developer

VeryON, Toronto

**July 2022 – July 23**

Work order app: An application for cost reporting and streamlining the work order process, improve cost management as well as simplifying the invoicing process to help the airline businesses run more efficiently.

- Applied Angular optimization techniques like lazy loading, tree shaking and AOT compilation to improve the app's performance.
- Collaborated with cross-functional teams to gather requirements and create technical specifications.
- Worked with Visual Designers to translate over 50+ UI/UX designs into code.
- Implemented reusable and maintainable components using Angular libraries and NGRX component store to improve code quality and consistency across the application.
- Created unit tests using Jasmine and Karma to ensure code quality and over 70% code coverage.
- Worked with the project manager to meet project deadlines and ensure the application met client's requirements.
- Familiarity with Angular template features like data-binding, directives, pipes and template references to create dynamic and interactive user interfaces.

### Front-End Developer

RBC, Toronto

**Nov 2020 – Nov 21**

Enterprise app: Internal application revolving financial dataset used by internal management to analyze business performance and determine whether tactics and strategies must be changed

- Worked closely with a team of developers on a mature product with well-defined coding standards and practices
- Developed accurate and polished user interfaces according to given designs
- Prepared and presented finished work to leaders as well as business partners
- Shared knowledge and experiences with team on a regular basis
- Actively participated and provided feedback in a constructive and insightful manner during weekly

- Iterative review meetings to track the progress for each iterative cycle and figure out the issues
- Improved code quality through linting rules and code review

### **Front-End Developer**

Home Depot, Toronto

**Aug 2019 – Nov 20**

Ecommerce app (PIP & Performance): Feature to provide all the article information that will help stores help customers with their orders and sell product

- Contributed to the development of reusable components, custom UI components using PrimeNG and modules to improve code quality and reduce development time.
- Developed strong understanding of SASS to implement consistent styles and colors throughout the app
- Integrated RESTful APIs to fetch and display data on the user interface.
- Manage application's state using NGRX state management library and RxJS for operations on observables.
- Implemented lazy module loading to speed up boot time for application.
- Experience with Angular built in pipes such as date pipe and currency pipe as well as optimizing templates using OnPush change detection strategy and minimizing template complexity to improve performance.

### **Other Experience:**

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### **Front-End Developer**

CIBC Bank, Toronto

**Feb 2022 – July 2022**

- Developed and maintained the company's online banking platform using Vuejs.
- Worked on the integration of microservices to improve application performance.
- Created custom UI components and modules to enhance the user experience.
- Optimized page load times by reducing the size of images and other assets.
- Utilized state management libraries like Vuex to manage complex data flows and improve performance.
- Participated in daily stand-up meetings and sprint planning sessions.
- Collaborated with the UX team to create responsive designs and enhance the user experience.

### **Education:**

Electrical Engineering, Bachelor of Engineering, Ryerson University, 2016

### **Interests:**

- Reading, TV series (Prison Break, House of Cards, Suits)
- Movies (Godfather I and II, Pursuit of Happiness), Soccer (Real Madrid)
- Actively Engaged in learning new software skills on meduim.com (such as Node.js, TypeScript, JavaScript, AJAX, JSON and many more)