PAUL RAIL – Full-Stack Developer

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1-647-828-9967
Toronto, ON, Canada

Portfolio   GitHub   Stack Overflow   LinkedIn   Medium

TECHNICAL SKILLS

LANGUAGES: JavaScript ES5/ES6, Ruby, HTML, CSS / Sass

FRAMEWORKS / LIBRARIES: Ruby on Rails, React, Redux, Node.js, Express.js, jQuery, Bootstrap, Grid

TESTING: RSpec, Jest, Jasmine, Minitest, Capybara

DATABASES: Active Record Query, SQL, PostgreSQL, MongoDB

OTHERS: Remote Work, Pair Programming, Version Control, Git, GitHub, Webpack, Heroku, Amazon S3

SOFT SKILLS

- Work very well with others through pair programming, collaborations and group project environments.
- Self-motivated and able to get things done without constant supervision.
- Adept researching skills through Google, Stack Overflow etc.
- Excellent communication skills to be able to convey concepts to both technical and non-technical people.
- Fluent in English, French, Spanish and Portuguese

WORK EXPERIENCE

Remote Ruby on Rails Developer – WithBetterCo. (2018)

Responsible for solving issues that have been assigned to me in the project's GitHub repository which has lead to releasing new features to improve their platforms used by their clients

- Following standard Git Flow practices with regular creation of branches, commits, pull requests
- Releasing new features to help improve client engagement and retention
- Have regular code reviews with senior developer to learn coding standards and best practices
- Creating testing suites for every new feature with Minitest and Capybara

Financial Advisor – Tangerine Investment Funds (2015 - 2017)

- Advising clients on investment strategies to meet their short and long term goals
- Created and implemented new strategies to improve performance and efficiency within department
- Top performer overall during my tenure

Engineering Consultant – Knight Piésold Consulting LTD (2010 - 2014)

- Detailed engineering analysis and design
- QA/QC supervision for collection of scientific data and samples in the field
- Worked on multi-million dollar projects around the world including USA, South America, Africa and Asia
- Was very effective at getting new engineers trained and up to speed

PROJECTS

Book Library CMS – https://github.com/PolarisTLX/react-redux-book-library   **(August 2018)**

- Content Management CRUD System deployed live on Heroku where users can sign up, login, add, edit and delete books and keep track of their progress
- User authentication implemented using Passport.js and JSON Web Token (JWT)
- Built with the frontend consisting of React, React Router, Redux and Bootstrap
- And two compatible backends using either MongoDB, Express and Node
- Or alternatively, using Ruby on Rails and SQLite3

Clonebook – https://github.com/PolarisTLX/CloneBook   **(June 2018)**

- Fully featured social media site from scratch that is deployed live on Heroku
- Backend was built with Ruby on Rails using RESTful and Model View Controller (MVC) principles
- Includes implementation of Omniauth, Amazon S3 Storage, Devise, Paperclip
- Full testing suite was built for the application using RSpec, Factory Bot and Faker

Battleship – https://github.com/jklemon17/battleship   **(July 2018)**

- Giving a childhood game a modern look and feel! Written entirely in vanilla JavaScript using modern ES6 modular patterns for clean and DRY code along with full testing suite using Jest.

Open Source Contributions – https://github.com/PolarisTLX/Open-Source-Contributions

EDUCATION

Full-Stack Software Development Program – Microverse   **(2018)**

- Learned comprehensive array of skills from program where less than 4% of applicants are accepted
- Working 8am-5pm Monday-Friday in a remote pair programming setup with coding partners
- Fundamentals of full-stack programming such as languages, frameworks, libraries, Git Flow practices, algorithms, data structures, test-driven development, SQL as well as debugging tools
- Completed several group projects in collaboration with other members
- Acting as Mentor for other students

Front End Development Certificate – FreeCodeCamp   **(2017)**

- Certificate located here: https://www.freecodecamp.org/certification/polaristlx/legacy-front-end

Bachelors of Engineering – Queen's University   **(2009)**

HOBBIES

In my downtime I am an avid board gamer, my current favorites include Scythe and Twilight Imperium.

I am also a connoisseur of beers from around the world and enjoy BBQs with friends and family and also try to catch a Formula 1 race on Sunday mornings.