Philip Van Raalte

SENIOR WEB DEVELOPER

Details

Toronto
Canada

Links

philvr.ca

github.com/fil1994

linkedin.com/in/philip-van-raalte

Skills

TypeScript

JavaScript

React

HTML & CSS

Next.js

Git/GitHub

Node.js

Jest

Integration Testing

Jira

Docker

Remix

Cypress

Playwright

Rust

Profile

Web developer with over 6 years of experience. Proven record creating high-quality, responsive web apps. Collaborative and passionate about working with React, TypeScript and Node.js. Currently exploring other technologies such as Rust and Web Assembly in my spare time.

Employment History

Software Developer, Geotab, Toronto

DECEMBER 2023 — PRESENT

- Contributed to the development of MyGeotab, a fleet management product, using TypeScript, React, and LESS
- Collaborated on a team of over 10 developers, one designer and a product manager, ensuring alignment with project goals.
- Implemented end-to-end tests with C# and Selenium to ensure reliability and high-quality user experience for customers.

Senior Full Stack Developer, Intellijoint Surgical, Kitchener

MAY 2021 — OCTOBER 2023

- Contributed to the development of Intellijoint View, a hip surgery planning web app, within an agile team of 2 full-stack developers and 2 co-op members.
- Provided mentorship and training to co-op students, supporting their professional growth.
- Implemented and initiated creating unit and integration tests with Jest and organized their execution through GitHub Actions.
- Used RxJS, React, TypeScript, Fabric.js, and the HTML5 canvas API in development tasks.
- Supported QA team with end-to-end and integration tests built with Playwright and CodeceptJS to improve reliability.
- Contributed to backend services using Java, Spring, Django, and Python.
- Initiated and led the team in developing a component library, promoting consistency and re-usability across multiple web applications.
- Led the implementation of a monorepo structure (using Turborepo), optimizing the build processes by significantly improving build times and increasing developer efficiency.

Frontend Developer, Texada Software, Guelph

AUGUST 2020 — APRIL 2021

- Collaborated with a team of 4 developers in an agile environment to create FleetLogic, a web app for managing a rental company's fleet and assets. Used React, TypeScript, and SASS to build the product.
- Worked with the designer to create a design system/component library with Figma and Storybook, to ensure consistency and re-usability across multiple projects.
- Worked with the product team to understand customer needs, helping shape requirements to align with the project's objectives.
- Configured unit and integration tests using Jest and react-testing-library. Used Travis CI and CircleCI to ensure an efficient testing process.
- Created integration tests with Cypress and created a mock server using Node and Fastify to improve the reliability and performance of the application.

- Took charge of migrating the existing codebase from JavaScript to TypeScript, helping improve code maintainability.
- Adopted coding practices based on commonly accepted standards for accessibility, maintainability and consistency using ESLint, Docker, Webpack, Rollup and Babel.

Web Developer, Spire Trading, Toronto

APRIL 2020 — JULY 2020

- Converted visual elements from Adobe Photoshop designs into React components, maintaining design precision and ensuring a responsive user interface.
- Developed and deployed an Express server with an SQLite database on an AWS EC2 instance, showing proficiency in server-side development and cloud infrastructure.
- Verifying consistent presentation across multiple browsers, including Chrome, Firefox, Edge, Safari, etc, ensuring optimal cross-browser compatibility and user experience.

Frontend Developer, Texada Software, Guelph

JANUARY 2018 — APRIL 2020

See above for details

Education

Advanced Diploma, Conestoga College, Kitchener

2018

Computer Programmer/Analyst

Projects

Hockey League Sim

www.hockey.philvr.ca

A React app simulating a virtual hockey league. With 30 teams, 22 players per team, and an 87-game schedule. Users can simulate the season up to a specific date, automatically calculating team standings and player stats.

Stack: React, Redux

Places

www.github.com/FIL1994/places-client

A React app enabling users to save and view locations on a map, similar to Google's "Things to do" feature. It provides an intuitive and user-friendly interface for managing and exploring saved locations.

Stack: Docker, GraphQL, React, TypeScript, Apollo, Postgres

AVR Construction

www.avrconstruction.com

Developed a website for AVR Construction using TypeScript, React, and Next.js. Created an interactive photo gallery to enhance the user experience.

Stack: React, Next.js, SASS