

PHILIPPE BENOIT FONZIN

Full Stack Web Developer Software Engineer

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

SKILLS

React, Redux, Ruby, Rails, Javascript, HTML5, CSS3, mySQL, PostgreSQL, MongoDB, Apollo, Express, GraphQL, Github, jQuery, RSpec, Node.js, Docker, AWS S3, Vue.js, Vuex, Relational DB, Non-relational DB, Docker, Apollo, AJAX, AXIOS, Capybara, SQL, UX & UI Design, TDD, OOP, Webpack, Git Workflow

PROJECTS

Beamergram (Rails, ReactJS, Redux, PostgreSQL)

[Live](#) | [Github](#)

Beamergram is a photo sharing app for the BMW enthusiast community

- Incorporated a file upload feature from frontend to backend utilizing the **FormData web API** to send image files to the backend and **AWS SDK** to transfer files to the **S3 bucket**.
- Initialized custom **user authentication** using **BCrypt** and **ActiveRecord** to hash, salt, and store user passwords to secure the integrity of user accounts.

Watch Tower (Javascript, ReactJS, MongoDB, Apollo, Node.js, GraphQL)

[Live](#) | [Github](#)

Watch Tower is a stock trading app

- Designed a ticker search feature that populates the results field with suggested tickers based on the company name by initializing **asynchronous calls** to the **Financial Modeling API** making it possible for the user to look up a company's stock information without having to know the exact ticker.
- Created a feature to **fetch and cache** all financial data in five minute intervals and only re-render information that has changed since the previous fetch, **maximizing data processing speed to the database**.

Music Maestro (ReactJS, MongoDB, Axios, Express, Node.js)

[Live](#) | [Github](#)

Music Maestro is a ticket sales and distribution app

- Implemented a **MongoDB** backend by creating the schema and validations connecting to our **MongoDB Cluster** and seeding the database, **increasing the viability of data access** due to the **document format of data in MongoDB**.
- Designed a Favorites feature by storing event IDs in the MongoDB User document and fetching the user document by calling **Mongoose populate** on the users event ID, which displays the events as needed to optimize app performance by **reducing the number of database calls**.
- Optimized the development for mobile users by utilizing **CSS flexbox** and **responsive web design** to ensure a pleasurable **user experience** on devices of varying screen size.

EXPERIENCE

Founder / Audio Engineer

House of Mau Recordings

Jun 2017 - Oct 2019

- Utilized the Pro Tools and Logic Pro audio recording software to record and mix audio for clients by adjusting and manipulating audio sources using compression, equalization, and audio effects to reproduce professional quality music.

Aero Repair Journeyman

United States Air Force

Oct 2007 - Aug 2013

- Maintained \$880M of military assets in collaboration with a 27 member technician team: managing landing gear, flight controls/engine throttle control systems for troubleshooting, adjustment, and repair to assure mission readiness.
- Directly managed skill-level upgrade training for assigned aircraft personnel by administering tests, assuring proper documentation of results into the global maintenance data control system, and monitoring compliance with safety standards.

EDUCATION

Web Development - App Academy | Spring 2020

BA Philosophy - St. John's University | 2013 - 2017