

Ambitious fullstack developer with 1+ years of broad expertise in React and Node.js with willingness to master SEO, GraphQL and testing. Front-end expert.

Projects

Bent Shaft Maps *is a platform for mapping whitewater rivers.*

[React/Node.js/MongoDB/JWT/SASS/Heroku](#) | [Try it](#) | [See Code](#)

- Developed a web app that allows creation and sharing of interactive kayaking maps which are being used as a resource by the paddling community.
- Designed noSQL database structure and data schemas for the storage of user generated map data with MongoDB and Mongoose ODM.
- Integrated a REST API to allow interaction between database and front-end.

River Level Gauge *IoT device for tracking water level on remote whitewater rivers.*

[C++/JavaScript/Microcontroller](#) | [See Code](#)

- Created an IoT device that remotely monitors volumetric river flow at an 80% reduced cost compared to standard industry monitoring systems.
- Published documentation that allows the project to be recreated using inexpensive components for a local river monitoring organization.

ExoTask *is a front-end task organizing interface.*

[React/SASS/Netlify](#) | [Try it](#) | [See Code](#)

- Designed with mobile-first principles to accommodate for any device type using SASS and Bootstrap.
- Used logical state management based on React principles and best practices.

Work Experience

Full Stack Web Developer — Eulogato | www.eulogato.com

[Ottawa, Ontario](#) | June 2020-Present

- Full Stack development of an assisted eulogy writing tool resulting in 150 eulogies created within two weeks of deployment.
- Collaborating with creative writers to increase automated content variety causing users to complete the full workflow at 2.5x the previous rate.
- Improving product design of the landing page and interfaces reducing the bounce rate by 30%.

Environmental Response Specialist—Canadian Coast Guard

[Mount Pearl, Newfoundland](#) | September 2019-January 2020

- Created spill prediction models using ArcGIS from historic spill data resulting in mobilization of trucks, boats and response equipment to high risk areas.

Clubs and Societies Commissioner—Carleton University Students Association

[Ottawa, Ontario](#) | September 2017-May 2019

- Coordinated events, seminars and trainings for Carleton University's Clubs and Societies program based on feedback from student leaders.

AutoCAD Draftsperson—ProSlide Technologies

[Ottawa, Ontario](#) | May 2011-April 2014

- Created drawings, plans and proposals with CAD software with the water slide design team, directly contributing to over \$2,000,000 in water ride sales.
- Selected colors schemes for 13 slides that were finalized and constructed.

Technical Skills

Languages

HTML, CSS3, JavaScript, C++

Front End

React, JSON, JSX, SASS, Bootstrap

Back End

Node.js, Express, RESTful API, JWT Authentication

Database/Testing

NoSQL, MongoDB, Mongoose ODM, Jest, React Testing Library

Software Development Life Cycle

Asana, Jira, Scrum, Trello, Waterfall

Cloud

Heroku, Netlify

Tools

Adobe Suite, Figma, Postman, Git, ArcGIS, QGIS, AutoCAD

Education

Bachelor of Environmental Science

Carleton University, Ottawa, Ontario

Graduated: Spring 2019

Leadership

Outdoors Club of Carleton University (President)

Organized, lead and supervised a variety of outdoor trips for university students including canoeing, kayaking whitewater rafting, hiking and rock climbing.