

# Aaron Turner

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Highly motivated and results-driven professional with a computer science, engineering and project management background. Atlantic Business Magazine 30 under 30 Innovator with experience in driving business development and growth. Proven track record of success as the Chief Operating Officer of Symbodi, overseeing project management, budgeting, financial models, marketing programs and logistics, resulting in a 3084% increase in company growth and recognition as one of the fastest-growing companies in Canada by the Deloitte Fast 50 program. Strong expertise in the MERN stack (MongoDB, Express.js, React.js, Node.js), teamwork and leadership, problem-solving, project management, attention to detail, written and verbal communication, critical thinking, and resource management.

## Technical Skills

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Languages: *JavaScript ES6+, Python CSS3, HTML5, SQL, NoSQL, MATLAB*

Tools: *jQuery, ReactJS, Vue.JS, Bootstrap, Node.js, Express, Bulma*

Applications: *GitHub, MySQL, MongoDB, Solidworks, ANSYS Fluent, MS Project*

Non-Tech Skills: *Teamwork, Leadership, Project Management, Problem Solving, Communication*

## Projects

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**Rocket Resumes** | Repo: <https://bit.ly/3VyHsbs> | Deployed: <https://bit.ly/3AVvBe5>

Software Engineer / Project Manager

- A Full Stack Resume generator that utilizes AI to generate resumes that improves your chances of getting hired.
- *Tools/Languages: OpenAI, Express, Handlebars, MySQL, Sequelize, Node.js*

**Squeak Toys** | Repo: <https://bit.ly/3VCRCrQ> | Deployed: <https://bit.ly/3LUFr6q>

Software Engineer / Project Manager

- A Full Stack e-commerce application to spoil your puppy built on the react framework and connected to Stripe for checkout.
- *Tools/Languages: ReactJS, MongoDB, Express, Stripe, Node.js*

**Mapcation** | Repo: <https://bit.ly/mapcation> | Deployed: <http://bit.ly/3ZOemG3>

Software Engineer / Project Manager

- A comprehensive travel planning application that integrates multiple APIs to assist users in finding the best travel options.
- *Tools/Languages: JavaScript, HTML, CSS, Bulma, AJAX, jQuery*

## Professional Experience

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### Web Genius Consultants

Apr 2023 – Present

#### *Software Engineer*

- Collaborated with project teams to enhance and optimize clients' websites through full-stack React development.
- Implemented innovative features and functionality, leveraging AI technologies such as natural language processing and machine learning algorithms.
- Utilized best practices in UI/UX design and coding to deliver visually appealing and user-friendly websites.
- Worked closely with clients to understand their specific needs and translate them into effective software solutions.

### Symbodi Labs Ltd.

May 2019 – Jan 2023

#### *Chief Operating Officer*

Fredericton, New Brunswick

- Responsible for driving overall business development and growth, including financial planning and allocation of company resources.
- Led logistics and operations, resulting in a 3084% increase in company growth and recognition as one of the fastest-growing companies in Canada by the Deloitte Fast 50 programs.
- Managed e-commerce website development utilizing customer analytics to improve web conversions by 440% and website sales by 166%.
- Managed engineering design, prototyping, and material sourcing for future product lines, resulting in the successful launch of new product lines.

### UNB Nuclear Group

Apr 2017 – Sep 2017

#### *Graduate Research Assistant*

Fredericton, New Brunswick

- Developed CFD code to predict the corrosion and surface morphology of corrosion in nuclear reactors, resulting in improved accuracy of predictions
- Researcher responsible for conducting a literature review on the chemistry and corrosion of power system coolants, fouling heat exchanger circuits, and processing used nuclear fuel.
- Tested coolant for flow-accelerated corrosion experiments and assisted with maintenance and removal of lab components from previous experiments, resulting in improved laboratory efficiency.

### OSCO – Ocean Steel

Apr 2016 – Sep 2016

#### *Project Management Intern*

Fredericton, New Brunswick

- Detail-oriented professional responsible for verifying engineering and contract drawings for accuracy before sending them to the client.
- Communicated effectively with clients to request information regarding engineering documents.
- Ensured the timely delivery of engineering documents to construction sites, resulting in improved project timelines.

## Education

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University of New Brunswick  
Full Stack Developer Certificate

Jan 2023 – Jun 2023

University of New Brunswick  
Masters of Science in Chemical Engineering  
GPA: 4.2/4.3

2017 - 2019

University of New Brunswick  
Bachelor of Science in Mechanical Engineering  
GPA: 4.1/4.3

2013 - 2017