

Emmalee Bonderud

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Full Stack Developer with over 7 years of experiences, adept at modern frontend and backend technologies. Proven expertise in consulting on core business models, crafting pixel-perfect designs, and delivering scalable, maintainable solutions that align with clear technical requirements. Skilled at driving the entire SDLC, from comprehensive analysis and architecture to deployment and cross-functional collaboration. A results-driven, creative, and self-motivated professional, consistently embracing new technologies and advancing development standards.

EXPERIENCE

Full Stack Developer (React.js, Next.js, GraphQL, Tailwind CSS) Jan 2020 – Apr 2024
Bitswift Technology Solutions (Kingston, ON K7P 1N3, Canada)

- Developed real estate valuation, analytics, and platform technology solutions and mentored 9 developers.
- Developed a node.js server to validate membership and track digital badges being used, saving the company **\$14K** per month.
- Led the development and transition to the use of a new landing page for logged in customer backend by **GraphQL**, grid design, **lazy loading** and CMS driven components.
- I bring comprehensive expertise to full-stack development in react, proficiently leveraging its portal framework to integrate backend services, and delivering cohesive, responsive applications through adept utilization of portlets, themes, and hooks.
- Created several **React** components with **D3** charts that support interactive visualizations of market data projections and analysis.
- Collaborated with backend and DevOps engineers for the release of new applications and new API endpoints with Node.js/Express.
- Implemented complex UI components with **React/TypeScript/Next.js, SCSS & Tailwind CSS**.
- Involved in designing and developing Amazon **EC2**, Amazon **S3**, Amazon **RDS**, Amazon **Elastic Load Balancing**.

Full Stack Developer (React, Redux, MongoDB) Oct 2018 - Dec 2019
Kingston Information Technologies Ltd(Kingston, ON K7L 1H3, Canada)

- Created and Maintained better code base for reusability.
- Worked in **Woo-commerce** development experience, built ecommerce websites Implemented SDLC, Agile Scrum framework.
- Implemented all the components following **Test-Driven Development (TDD)** methodology using **Jest**.
- Rebuilt 4 year old Saas application in **React** and **Redux** with full user experience redesign to release a beta MVP in 8 months.
- Integrated an automated property valuation model fed by machine learning **Python** Data.

Junior Full Stack Developer (React/Vue, GraphQL, Node.js)

Jun 2016- Sep 2018

Limestone Technologies Inc.(Kingston, ON K7M 3G1, Canada)

- Responsible for architecting and executing solutions using JavaScript frameworks like React.js, Angular.js and Backbone.js.
- Collaborated with the backend team to design, define, and implement GraphQL types and resolvers to provide the necessary data for frontend development while maintaining calls to the database.
- Good experience with JDBC drivers to perform operations such as CRUD operations with Reat.js/Next.js and writing complex queries with PostgreSQL, MongoDB and SQL Server.
- Improved the UI using Material UI, Bootstrap.
- Developed RESTful APIs in Node.js to support mobile and web applications with Express.js and MongoDB.
- Integrated authentication using JWT, boosting application security for over 100,000 users.
- Collaborated with the frontend team to align API development with UI/UX requirements.

EDUCATION

Master's Degree - Computer Science

Apr 2012 - May 2016

CLI(Career Learning Institute) College Hamilton

(25 Main St W Unit 1215, Hamilton, ON L8P 1H6, Canada)

Bachelor's Degree - Computer Science

Apr 2008 - Mar 2012

St. Lawrence College

(100 Portsmouth Ave, Kingston, ON K7L 5A6, Canada)

SKILLS

Frontend Frameworks: React, Redux, NextJS, Angular, Vue.js, Knockout.js

Languages: HTML, CSS, SASS, JavaScript (ES6), TypeScript, Bootstrap, SQL/MySQL

Backend Languages: Node.js, Express.js, MongoDB, MySQL, PostgreSQL, AWS, Python, PHP, C

Version Control: Git, GitHub, GitLab, Bitbucket

Design Tools: Adobe Creative Cloud (Photoshop, Adobe XD)

APIs: REST, GraphQL

Other: Google Analytics, Google Tag Manager, SEO best practices, ADA compliance, Agile Scrum Development, Debugging and Troubleshooting