

CASSY VAN

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Professional Experience

Full Stack Developer

Mar 2022 – May 2023

The Hundred10 Technologies

Vancouver, BC | Remote

- Improved performance and scalability of web applications in 4 months, resulting in enhanced user experience by utilizing cloud services such as AWS EC2, S3, and Lambda
- Laid out the CI/CD foundation in 1 month for a client to have efficient and repeatable deployments through the implementation of infrastructure-as-code through AWS CloudFormation in YAML and CodePipeline
- Worked with React.js, MaterialUI, and state management libraries such as Redux and MobX to build 2 responsive and user-friendly web applications that consistently maintained an average load time of less than 2 seconds, resulting in increased client satisfaction and positive user feedback
- Developed and maintained a custom UI library package using Storybook & MUI for a client to establish consistent appearance and functionality across all applications
- Deployed and published private NPM packages using Rollup for use internal use, improving code reusability, maintainability, scaling, and consistency
- Implemented frontend unit testing framework using Jest and Enzyme to improve robustness and code confidence, increasing frontend testing coverage by 100%
- Built and deployed APIs using Docker, to capture real-time data to Excel files while ensuring consistency, isolation, portability, and scalability of backend code
- Enhanced a client's agile development process by educating the importance and impact of Scrum ceremonies, improving their overall product delivery process and team engagement

Software Developer Intern

May 2021 - Dec 2021

Nutrien

Calgary, AB | Remote

- Rapidly achieved a high level of functionality within 2 months by self-learning frontend web development technologies such as React, MaterialUI, and Ag-Grid to deliver enhanced customer Excel reports, resulting in increased customer satisfaction
- Collaboratively thrived in an agile environment, with the focus on continuous improvement, enhancing own efficiency and productivity overtime, which was noticed by senior director of IT through positive oral feedback
- Worked collaboratively alongside Product Owner and stakeholders to ensure smooth and successful delivery of enhanced Excel reports to customers, resulting in improved brand reputation and customer retention
- Refactored company side project to increase maintainability for future developers and minimize future development time

Projects

Academic Projects

Serverless Blog

Winter 2022

- Created Azure serverless functions to connect to a MongoDB database and perform CRUD operations for blog posts
- Utilized MaterialUI and JavaScript for the frontend to create an intuitive and responsive user interface
- Took initiative to refactor the codebase to improve code quality, readability, and maintainability

Avenger Favor

Fall 2020

- Collaborated with two other team members using Java to create a search and sorting program that can rearrange and manipulate data
- Utilized multiple search and data paradigms such as linked lists and binary search trees
- Displayed working knowledge of file handling through following standard Java protocols for reading and writing to standard inputs and outputs

Certifications

- [AWS Certified Developer - Associate, Amazon Web Services](#) 2022
- [AWS Certified DevOps Engineer - Professional](#) 2022
- [Professional Scrum Master™ I \(PSM I\)](#) 2023

Technical Skills

- Programming Languages: Java, Python, C#
- Web Development: React, NextJS, TypeScript, JavaScript, HTML, CSS, MaterialUI, Jest, Enzyme
- AWS Cloud Services: EC2, Lambda, RDS, DynamoDB, API Gateway, CloudFront, CodePipeline
- Databases: MySQL, MongoDB
- DevOps Tools: Docker
- Agile Methodologies: Scrum
- Other Tools: Git, NPM, Jira, Slack, Trello, Miro

Education

Bachelor of Computer Information Systems – Mount Royal University

Sept 2019 - Dec 2022

- Graduated with GPA of 3.89
- Co-operative Education Program (Co-op)
- Dean's Honor Roll Fall (2019 – Winter 2021)
- Jason Lang's Scholarship (2019, 2021)
- President's Honor Roll (2019)

Bachelor of Nursing – Mount Royal University

Sept 2012 - May 2017

- Dean's Honor Roll 2014 - 2016
- President's Honor Roll (2015 - 2016)