Marshal Burton

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SKILLS

Programing Languages: JavaScript, TypeScript, SQL, HTML5/CSS3

Frameworks and Other Skills: React, Next.js, Angular, Node.js, REST API, MySQL, Express, Postman, Playwright, GIT, Jira, Microservices, Docker

EXPERIENCE

Software Developer at Mitacs

September 2021 – March 2024

Part of a team of full stack developers helping maintain and expand multiple client web portals which facilitate and process grant and research applications worth ~$160,000,000 per year.
- Revamped workflow of the sign-off and submission phase of research proposals from design through production deployment.
- Participated in the creation and implementation of a PDF generation microservice to support all public-facing portals and move report generation away from SSRS.
- Implemented OWASP security enhancements based on yearly third-party penetration tests.
- Implemented and maintained an end-to-end automated testing script with Playwright

Junior Programmer COOP at Mitacs

September 2020 – September 2021

Worked closely under mentorship of senior developers on a team of full stack engineers developing and maintaining multiple client web portals and automated email services. Learned proper full stack developer/QA workflow, version control, and CI/CD pipeline through daily feature implementation and bugfixes. Also participated in the team's implementation of proper Agile techniques and ceremonies with the help of a contracted Agile coach.

EDUCATION

University of British Columbia, Vancouver - Bachelor of Science in Computer Science

Degree Received: 2022
Major in Cognitive Systems – Computational Intelligence and Design

CERTIFICATIONS

Certified SAFe 6 Practitioner provided by Scaled Agile

Certificate received June 2023