Marshal Burton

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github.com/burtonmars

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 research applications for the annual dispersion of ~$160,000,000 of government funding. The position allows ownership of large features spanning multiple sprints that help process 15,000 - 20,000 research applications per year. Daily work includes creating/updating restful API services, templating Angular components, creating observables for state control, writing SQL migration scripts for database expansion/maintenance, peer reviewing colleagues' pull requests, maintaining automated Playwright test scripts, and attending Agile ceremonies.

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.

SKILLS

Programing Languages: JavaScript, TypeScript, SQL, C++, Java, SQL
Other Technologies: Angular, React, Node.js, Next.js, Vercel, MySql, Express, Postman, Playwright, GIT, Jira. HTML5/CSS3, Microservices, Docker

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

Valid through: June 2024