

Marshal Burton

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SUMMARY

Full Stack Developer with over 3 years of experience in designing, developing, and maintaining web applications. Proficient in front-end and back-end technologies, with a strong focus on React, Angular, Node.js, and MySQL. Demonstrated expertise in building REST APIs, implementing microservices, and enhancing application security. Certified SAFe 6 Practitioner with a solid understanding of Agile methodologies.

SKILLS

Languages, Frameworks/Libraries: React, Next.js, Angular, TypeScript, JavaScript, Express, SQL

Other Technologies: Node.js, REST API, MySQL, Postman, Playwright, GIT, Jira, Microservices, Docker, Confluence

EXPERIENCE

Full Stack Developer at Mitacs

September 2021 – March 2024

- Expanded, maintained, and documented modern Angular/Node.js web applications processing internship and research applications worth 160M annually.
- Revamped workflow for crucial sign-off and submission phases of research proposals, enhancing user experience and process efficiency.
- Built REST APIs from scratch and connected them to the front-end using RxJS observables.
- Implemented a Word to PDF generation microservice, transitioning report generation from SSRS for easier maintenance and improved performance.
- Implemented OWASP security enhancements based on yearly penetration tests, including backend validation, authentication matrices, and memory caching.
- Created and maintained end-to-end automated testing scripts with Playwright.

Junior Programmer COOP at Mitacs

September 2020 – September 2021

- Enhanced and maintained client-facing web portals and automated email services under senior developer mentorship.
- Gained proficiency in full stack development, QA workflows, version control, and CI/CD pipelines through daily feature implementation and bug fixes.
- Actively participated in Agile ceremonies and techniques, contributing to team success under guidance from a contracted Agile coach.

EDUCATION

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

Major in Cognitive Systems – Computational Intelligence and Design

Degree Received: 2022

CERTIFICATIONS

Certified SAFe 6 Practitioner provided by Scaled Agile

Certificate received June 2023