Ryan Fischback

+1 (902) 212-2317 | Halifax, Nova Scotia, Canada (Ready to Relocate)

rfischback2@gmail.com | LinkedIn | GitHub

Professional Summary

Results-oriented Full Stack Developer with a Bachelor's in Applied Computer Science from Dalhousie University and a Diploma in IT Programming from Nova Scotia Community College. Over three years of experience in developing scalable web applications with Javascript, HTML/CSS, .NET, Python, TypeScript, and C#. Skilled in data management and agile methodologies, with a focus on AI-driven solutions and proven success in enhancing software performance.

Education

Bachelor of Applied Computer Science, Dalhousie University | 2021 - 2023

- 3x Sexton Scholar
- 3.91 Cumulative GPA

Diploma of IT Programming, Nova Scotia Community College | 2018 - 2020

Skills

Programming Languages: Typescript, Javascript, C#, SQL, Python, Go, Java, C, C++

Frameworks: React, .NET, .NET Core, Next.js, Angular, Vue, Svelte, Ruby on Rails

Tools & Technologies: Azure, Docker, Node.js, AWS, S3, Babel, Git, Jenkins, REST API, PostgreSQL, MongoDB, GraphQL, Redux, Redis, Webpack, Jest, Linux

Experience

Full Stack Developer, Modest Tree | May 2023 - June 2024 | Halifax, N.S (Hybrid)

- Architected and containerized full stack web applications with Docker, streamlining CI/CD processes and enhancing setup efficiency for both clients and developers.
- Led a team of developers in integrating an LLM-based chatbot using Python, TypeScript, and Docker, driving effective collaboration and guiding the development process to enhance data management workflows and user interactions, which accelerated client operations.
- Developed and deployed dynamic dashboards for general analytics, aiding decision-making and data comprehension from product management and administrative perspectives.
- Maintained and optimized existing products using React, TypeScript, CSS, C#, .NET, and Jenkins, enhancing software health, eliminating bugs, and improving overall user experience.

- Collaborated with stakeholders to define and implement effective software processes, ensuring timely delivery of client needs in alignment with a release-based schedule.

Data Steward, Clearwater Seafoods LP | May 2022 - August 2022 | Halifax, N.S (Remote)

- Implemented web-based solutions for streamlined data processing, ensuring data accuracy.
- Maintained and optimized existing products through regular bug fixes and feature implementations, enhancing functionality and improving overall user experience.

AQA Developer, Garvin-Allen Solutions Limited | May 2021 - August 2021 | Halifax, N.S (On-site)

- Engineered automated test suites using Ranorex to validate software functionality.
- Managed data quality and consistency, leading to an improvement in software reliability.

Harvest Science Programmer, Clearwater Seafoods LP | July 2019 - January 2021 | Lunenburg, N.S (Hybrid)

- Developed and implemented automated data entry solutions using C# and SQL, eliminating 100% of manual data-entry efforts.
- Collaborated on large-scale data management projects, ensuring data integrity and security through effective communication and development processes.
- Designed comprehensive data reports using SSRS to demonstrate product effectiveness and support client decision-making.

Programming Co-op, Clearwater Seafoods LP | May 2019 - June 2019 | Lunenburg, N.S (On-site)

- Collected and labeled data for a proof-of-concept machine learning application.
- Developed a computer vision application for real-time object detection using OpenCV and TensorFlow.
- Programmed and deployed Arduino-based systems for environmental monitoring.

Projects

The Green Card (Client: Kathleen Singh, Nova Scotia Health Authority)

- Served as the Technical Lead for Dalhousie University students, digitizing Nova Scotia Health's geriatric brochures using the MERN stack and ensuring software quality and adherence to best coding practices.

Quick Cash (Client: Dalhousie University Project)

- Served as the Technical Lead for a team of Dalhousie University students to develop an Android application using Java, designed to help users find local employment opportunities as employees or employers.