

Ryan Fischback

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Professional Summary

Results-oriented Software 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 developing scalable web applications with React, .NET, Python, TypeScript, and C#. Proven track record of enhancing software performance, improving user experience, and driving data-driven solutions. Passionate about AI-driven applications and streamlining processes through automation.

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: C#, Typescript, Python, HTML/CSS, SQL, Java, C++, Go, C

Frameworks: React, Vue, .NET, .NET Core, ASP.NET, Next.js, Angular, Shopify,

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

Experience

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

- Architected and containerized full-stack web applications with Docker, improving CI/CD processes and significantly reducing both development setup and deployment times.
- Led a small team of developers in integrating an LLM-based chatbot using Python, TypeScript, and Docker, driving effective collaboration and aiding in the development process, ensuring a smooth and timely product delivery.
- Developed and deployed various data visualization widgets using D3.js, enabling data-driven decision-making for product management and administrative teams.
- Optimized and maintained software products using React, TypeScript, C#, and .NET, resulting in significant improvements in software stability and user experience.
- Collaborated with stakeholders to deliver timely software updates, adhering to release schedules and client requirements.

Data Steward, Clearwater Seafoods LP | May 2022 - Aug 2022 | Halifax, N.S

- Designed data reports with SSRS, enabling better decision-making for clients and stakeholders.
- Maintained and optimized products using C#, SQL, and ASP.NET, improving functionality and user satisfaction.

Software Developer, Garvin-Allen Solutions Limited | May 2021 - Aug 2021 | Halifax, N.S

- Engineered automated test suites, improving software reliability, significantly reducing manual testing time.
- Managed data quality and consistency, leading to an improvement in software reliability.
- Collaborated with stakeholders to implement automated quality assurance processes, improving software health and overall user experience

Software Developer, Clearwater Seafoods LP | June 2019 - Jan 2021 | Lunenburg, N.S

- Developed automated data entry solutions in C# and SQL, eliminating 100% of manual data-entry efforts and saving over 30 hours of labor per month.
- Contributed to large-scale data management projects, ensuring data security and integrity through effective communication and best development practices.
- Designed data reports with SSRS, enabling better decision-making for clients and stakeholders.
- Maintained and optimized products using C#, SQL, and ASP.NET, implementing updates to enhance functionality and satisfaction.

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

- Developed a computer vision application using Python and OpenCV, reducing product waste by alerting users in real-time.
- Programmed Arduino-based systems to trigger an alarm when the object tracker detected too much product waste, enhancing response efficiency and minimizing losses.

Projects

Coverly

- Created a user-friendly web application to streamline the process of generating professional cover letters through user prompts, reducing users cover letter creation time by 95%. Built using Vue, Node.js, Express, and TypeScript.

The Green Card

- 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.