RYAN JARDINE

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OBJECTIVE

Software Developer with experience in back-end and front-end development, seeking full-time opportunities to leverage skills in TypeScript, C#, .NET, and React to deliver impactful software solutions.

EDUCATION

Bachelor of Computer Science, Dalhousie University   September 2020 - May 2024
Certificate in Communication Technologies and Cyber Security

SKILLS

Programming Languages	TypeScript/Javascript, C#, Python, SQL
Frameworks & Libraries	React, Redux, Next.js, .NET, Entity Framework, Postgres, Cypress, NUnit, Moq
Tools & Technologies	Docker, Nginx, Github Actions, CI/CD, Grafana, Prometheus

EXPERIENCE

Junior Software Developer *(Full-Stack)*   July 2024 – Present
Visiontech Consulting   *Halifax, NS*

- Architected and deployed a modular microfrontend system using Next.js Zones and TypeScript, enabling four independently deployable frontends and streamlining large-scale maintenance and feature delivery.

- Developed a shared internal npm package for standardized UI components and utilities used by five developers, reducing code duplication and ensuring design consistency across applications.

- Implemented global state management with Redux and Redux Persist across MFEs, reducing redundant API calls and improving client-side data reliability.

- Optimized Docker builds with multi-stage configurations, decreasing image size by 40% and accelerating production deployments.

- Containerized and orchestrated over ten backend and monitoring services, including ASP.NET Core APIs, Postgres, Prometheus, Grafana, Nginx, and Alertmanager, ensuring consistent and scalable environments.

- Integrated a Headwind MDM service using EF Core and .NET to automate device provisioning workflows, eliminating manual setup, reducing errors, and cutting provisioning time.

- Refined backend API architecture by eliminating redundant calls and optimizing query logic, boosting overall API throughput by 50%.

- Achieved 85% unit test coverage with NUnit, improving reliability and reducing regression risk during feature releases.

- Built Prometheus metrics and Grafana dashboards with automated alerting via Alertmanager, enhancing observability and reducing mean time to resolution (MTTR) for incidents.

ACTIVITIES

Dalhousie Men's Varsity Swim Team   September 2020 – March 2022

- 2020-2021 Academic All Canadian (awarded for excellence in academics and athletics).

- 2021-2022 Atlantic University Sport Men and Overall Team Champions.