

# Brady MacDonald

## Software Engineer

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### SUMMARY

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Software Engineer with three years of professional experience developing and maintaining backend services for customer facing platforms. Experienced in designing RESTful APIs, refactoring legacy systems, executing data migrations, and improving development velocity through scalable architecture. Proficient in .NET, Go, and TypeScript, with hands-on experience building cloud based systems following AWS best practices.

### PROFESSIONAL EXPERIENCE

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#### LEGEND

#### Backend Developer

Toronto, ON  
2022-Present

- Collaborate with cross functional teams to scope features, define technical constraints, and drive architecture decisions that balance performance, risk, and trade offs.
- Design and implement maintainable backend systems and REST APIs using .NET, Go and TypeScript.
- Refactored and migrated existing codebase to whitelabel application, leading to an increase in development speed of new features and greater potential for product acquisitions.
- Integrate large scale customer facing platforms, following AWS design principles and best practices.
- Perform data migrations to adopt schema changes using Go, ensuring accuracy, reliability, and minimizing downtime.
- Developed a REST API service to display geo-targeted sportsbooks on internal and external sites.

#### PIVOTAL POWER

#### Software Engineer

Halifax, NS  
2021-2021

- Identified and resolved critical defects, including memory leaks and stability issues, improving system reliability.
- Navigated large, distributed firmware and software codebases; debugged existing logic, refactored legacy modules, and contributed high quality code improvements.
- Refactored existing codebase to improve readability and maintainability implementing version control into developer workflow.
- Contributed to enhanced QA practices through documentation, automated testing, and peer reviews.

#### METOCEAN

#### Software QA Department

Halifax, NS  
2020-2020

- Developed and maintained testing application, used to validate product features including temperature sensor, sonar, accelerometer and GPS.
- Implement a comprehensive regression test suite, to ensure software reliability and product readiness.
- Generated detailed automated output reports summarizing test results, sensor behavior, and system performance.
- Collaborated with external partners and third-party teams to verify integrations and troubleshoot issues.

### EDUCATION

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#### DALHOUSIE UNIVERSITY

#### Bachelor of Computer Science: Co-op

Halifax, NS  
2022

- Awarded second place in Microsoft sponsored hackathon

### ADDITIONAL INFORMATION

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- Programming: Go, .NET, Python, Typescript, NodeJS, React
- Tools & Platforms: AWS, Docker, GNU/Linux, Git
- Program Management: Agile, Resource Planning, Jira, SDLC