Brendan McGuirk

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Objective

As a results-driven software engineer with 5 years of experience, I excel in developing full-stack solutions that enhance user experience. I thrive in roles where I can contribute to all stages of software development, and I am seeking opportunity to create products that positively impact millions.

Experience

Software Engineer II • Jacobs   *May 2019 - Present*
- Founded and led the Azure DevOps extensions team, creating custom React applications to streamline metrics gathering and reporting, thereby reducing product delivery time and enhancing Agile processes.
- Developed a full-stack, web-based planning application for the Air Force, serving hundreds of thousands of active pilots. Implemented a distributed microservice architecture to ensure minimal downtime and effective workload balancing.
- Designed and developed a multi-platform version of the planning application with offline capabilities, emphasizing reconnection synchronization and code reusability.
- Mentored an engineering intern, conducted phone screenings and interviews, and delivered technical presentations on emerging technologies to the entire company.
- Played a crucial role in supporting over 70 developers while on the DevSecOps team, creating, updating, and improving build and release pipelines, and managing git repositories.

Sergeant, NH Army National Guard • 39th Army Band   *August 2014 – August 2022*
- Led and managed a team of 6 soldiers, providing resources, information, and support to ensure optimal performance and team cohesion.
- Conducted comprehensive quarterly assessments for team members, highlighting individual achievements, strengths, and areas for growth, resulting in enhanced overall team performance.

Education

Master of Science in Computer Science *– 2020*   **Bachelor of Science in Computer Science** *– 2019*

University of New Hampshire, Durham, NH (GPA 3.66)   *University of New Hampshire, Durham, NH (GPA 3.69)*

Honors & Awards

Published MS in Computer Science Thesis *– 2020 (University of New Hampshire)*
Top 4 Finalist: UNH Undergraduate Research Conference *– 2019 (University of New Hampshire)*
Army National Guard Soldier of the Year *– 2016 (Army National Guard)*

Technical Skills

TypeScript • C# • React • Redux • NodeJS • SQL/NoSQL • Docker • RabbitMQ