Evan Baule

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Software Engineer

Results-driven professional with comprehensive experience in designing and optimizing scalable applications to boost system performance and user experience.Known for amplifying efficiency of code reviews, minimizing security vulnerabilities, accelerating bug resolution turnaround times, and streamlining processes to enhance Agile software development workflows. Skilled in facilitating smooth communication between end users, stakeholders, and engineers, ensuring HIPAA compliance throughout development cycle to drive informed decision-making. Specialized in backend development using .NET Framework and .NET Core in C#, with focus on API design for data orchestration. Experienced in UI automation and workflow optimization, leveraging Selenium in C# to build robust testing frameworks and drive targeted improvements. Recognized for customer success and problem-solving abilities; identifying inefficiencies in software development processes and delivering high-impact solutions. Demonstrated success in collaborating across diverse teams to foster technical growth, meet business goals, and secure customer success.

Areas of Expertise

- C#
- C
- Bash
- HTML
- .NET Core
- Angular
- NodeJS
- Git
- SQL Server

- C++
- JavaScript
- Python
- CSS
- Selenium
- Entity Framework
- Microsoft Azure
- Github
- Cosmos DB

- Java
- VB.NET
- Microsoft SQL Server
- .NET Framework
- NUnit
- React
- Visual Studio
- Jira
- MongoDB

Career Experience

Software Engineering Lead at R1 RCM   January 2024 — Present

Drive post-acquisition technology integration, aligning existing systems with new organizational objectives and leveraging Azure infrastructure to maximize service offerings. Facilitate knowledge sharing and onboarding for teams transitioning to new development and maintenance goals post-launch. Conduct weekly one-on-one meetings and annual reviews focused on performance, technical growth, and compensation for direct reports.

- Oversaw maintenance and enhancement of four applications, managing team of six developers to support and optimize five distinct healthcare EDI transaction types.
- Implemented Agile and Scrum methodologies to lead project management, ensuring active participation in design and code reviews for improved code quality and test coverage.
- Received promotion from Software Developer and Senior Software Engineer to Software Engineering Lead by demonstrating exceptional performance and surpassing goals.

Senior Software Engineer at R1 RCM   January 2023 — January 2024

Spearheaded adoption of best practices in source code management and code reviews, elevating development standards. Interviewed, onboarded, and trained junior and mid-level software engineers, bolstering team capabilities and cohesion. Coordinated with stakeholders to clarify project requirements, ensuring alignment with business objectives.

- Developed and integrated custom RPA platform with low-code Automation Anywhere platform using Java and Automation Anywhere SDK, enabling seamless workflow automation within managed environments, enhancing application stability, and minimizing training requirements.
- Deployed real-time Notification of Admission orchestration system, processing in excess of 10K EDI 278 documents monthly, leveraging Azure Cosmos DB and Azure App Services for optimal performance.
- Developed Selenium utility tool using .NET Core and C# for automated management of ChromeDriver and MSEdgeDriver compatibility and updates, minimizing need for manual driver management during web automation tasks.

Software Developer at R1 RCM   January 2021 — January 2023

Engineered cutting-edge process automation platforms in C#, JavaScript, and Selenium, amplifying healthcare revenue cycle management in web and desktop environments. Engaged with cross-functional teams to ensure seamless implementation of automation solutions. Identified and resolved process inefficiencies to optimize development workflows.

- Reduced suggestion time by 3000% through rewriting RPA development environment keyword suggestion algorithm.
- Established a robust framework for unit and integration tests by instituting test-driven development practices using NUnit, Moq, and FluentAssertions.
- Collaborated on development of three-time Best in KLAS award-winning RPA platform, while serving as primary point of contact for end-to-end automation clients, providing expert support and ensuring seamless maintenance.

Software Engineer at INFICON Inc, NY   January 2020 — January 2021

Created new embedded sensor products to enhance chemical monitoring in critical vacuum systems using C, C++, Qt/QML, and Python in partnership with Agile engineering teams. Identified requirements and developed tailored features by interfacing with customers, ensuring compatibility and functionality in sensor systems.

- Designed and executed simplified sensor interface for GCMS devices, minimizing operational complexity by streamlining inputs to essential requirements for field applications.
- Built scalable framework for Mass Spectrometer user interfaces, enabling customizable branding on sensor firmware sold to five distinct customers.

Software Development Intern at Intelligent Query Engines, Inc, NY   January 2016 — January 2019

Established and sustained full-stack business solutions using .NET Framework, MS SQL Server, and AngularJS. Investigated and integrated cutting-edge software development methodologies and tools to elevate future project outcomes. Coordinated with cross-functional teams to streamline development workflows and improve project efficiency.

- Implemented predictive outlier algorithm to detect data anomalies on webpages, providing real-time alerts to data entry personnel, resulting in decreasing data entry errors by 66%.

Education

Bachelor of Science in Computer Science, January 2019
Binghamton University, State University of New York, NY