

Diarmaid Barron

Software Engineer

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📍 Newpark, Ennis, Co. Clare

in linkedin.com/in/DiarmaidB

Skills

C#, .NET Framework, REST APIs

HTML, CSS, JavaScript, React

Oracle DB, SQL, XML, JSON

CI/CD Pipelines, Docker,
Kubernetes

Git, GitLab, TFS

Unit Testing, Integration Testing

Agile and Scrum Methodologies

Problem Solving, Critical
Thinking, Communication

Teamwork, Innovation,
Initiative

Cybersecurity, Vulnerability
Mitigation and Remediation,
Documentation

Education

**BSc (Hons) in Software
Development, Technological**
University of the Shannon
Sep 2013 – Oct 2018 | Ireland

Certificates

Dell Security Brown Belt

Awards

Dell Inspire Award
May 2021

Profile

Results-driven software engineer with over 4 years of industry experience. Possesses a strong understanding of software development best practices and standards. Expertise in developing software solutions that meet business needs. Proficiency in C#, Java and JavaScript, with experience in Agile and Scrum methodologies. Proven track record of building complex systems using .NET, SQL, and REST API microservices. Collaborative team player focused on delivering project goals with speed and accuracy.

Professional Experience

Software Engineer II, Dell Technologies

Aug 2021 – Sep 2022

As part of the Security and Compliance team, within the Services department our primary duty was to maintain our products and applications by keeping their vulnerability scores low.

- Mitigated and resolved outstanding threats and vulnerabilities
- Assisted in bi-annual architectural security assessments and remediated high-priority vulnerabilities
- Created reports for upper management on security levels and vulnerability statuses

Software Engineer I, Dell Technologies

Nov 2018 – Aug 2021

As part of the Order Compliance product team, within GCMP (Global Commerce Management Pipeline) our primary duty was to validate and process orders from upstream sales applications.

- Developed and implemented software changes according to requirements and adhering to specifications
- Conducted unit and manual tests and developed solutions for defects
- Supported production deployments in both testing and development capacities
- Followed Agile methodologies to achieve team goals

Notable Projects:

- Collaborated closely with Delivery Promise team to improve accuracy of Estimated Delivery Dates and Estimated Shipping Dates for 100% of Canada orders.
- Worked hand-in-hand with Brazil Payments team to make a very complex change, involving multiple interlocks, in order for Dell Brazil to collect payment using Boleto payment type, which resulted in an internal company award for my work.

Software Validation Engineering Student, Integra LifeSciences

Apr 2016 – Sep 2016

As part of the engineering team our primary duty was to analyze and evaluate software tools for automation of the manufacturing process, while complying with relevant regulatory standards.

- Identified bugs and potential improvements to the source code
- Implemented engineering change control requests
- Reviewed and updated software validation plans, user requirements, test scripts, and reports