

JAY MCKNIGHT

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Objective

A highly driven software engineer with a first-class honors Bachelor of Science degree in Computing Information Technology. Eager to leverage full-stack development skills gained through academic and industry experience to contribute effectively to software development projects. Demonstrates strong collaboration skills within cross-functional teams, ensuring seamless integration and successful project outcomes. Proficient in .Net Core and C# for back-end development, with additional knowledge of front-end frameworks and languages including Bootstrap, JavaScript, and HTML. Strong desire to learn more languages and technologies with the desire to strengthen developer skills.

EDUCATION

First Class Honors Bachelor of Science in Computing and Information Technologies | Queen's University Belfast
September 2020 – June 2024

Level 3 Qualification - A Levels | Wallace High School
September 2014 – June 2020

- Chemistry (B), Information Technology (B), Software Systems Development (B).
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EXPERIENCE

Placement Software Engineer | Verint | Belfast
2022 – 2024

- Collaborated with a team of senior developers to implement new features for existing tools using a TDD approach.
- Implemented SonarQube with the aim of identifying security issues within the code base. Reduced the overall security threats within the code base by 10%.
- Created new and refined existing SQL stored procedures within SSMS.
- Experience performing end-to-end regression testing for major releases including designing and running testing automation.

PROJECTS

SoberStride | Queen's University Belfast | Final year project (.NET Core Razor pages)

- Developed a comprehensive support application for individuals facing substance abuse issues, featuring user journaling, progress tracking, and resource recommendations.
 - Utilized .NET Core Razor Pages, Bootstrap, and SQL Server Management Studio to build the application.
 - Conducted extensive industry research and storyboarding to inform the design and functionality, resulting in a user-centric product.
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TECHNICAL SKILLS

- Languages: C#, Python, JavaScript, HTML, CSS, SQL, PHP, Java.
- Tools: Jenkins, GitHub, Confluence, Jira, SonarQube, Zephyr, SSMS, MySQL.