

Lochlann O'Neill

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An ambitious, determined, and results-driven graduate with a proven track record of continuously developing skills. A motivated team player, possessing excellent communication skills and the ability to take initiative, and function effectively under pressure.

Experience

- **Network Infrastructure Management and Deployment - Vodafone** **Aug 2024 - Present**
 - Currently migrating all Data Center node information from Excel to SaaS DCIM tool.
 - Planning to integrate DCIM API with Brady handheld RFID reader.
- **Electronic and Software Co-Op - Boston Scientific** **Mar 2021 - Sep 2021**
 - Migrated data from factory systems into SharePoint, enabling the initiation of code reviews.
 - Conducted code reviews of in-house software, ensuring strict adherence to predefined specifications provided by external developers of outsourced software.

Projects

- **React <https://greaves.store/> - Independent Learning** **2024**
 - Developed an E-Commerce website, utilizing the MERN stack.
 - Engineered the frontend with React, adhering to UX design principles.
 - Incorporated Express.js for API development, allowing communication between the frontend and backend.
 - Implemented MongoDB as the database solution, supplemented by Azure cloud blob storage.
 - Facilitated deployment on Cloudflare for optimized performance and reliability, complemented by a custom domain hosted on GoDaddy.
- **Unity Final Year Project - MTU** **2023**
 - Developed a 3D video game template, using Unity (C#) and Blender.
 - Authored a 35,000-word document, outlining the entire development cycle.
 - Delivered an engaging in-person presentation, complemented with an informative poster, captivating feature video, and hands-on playable demo.
- **SpringBoot Enrollment System - MTU** **2023**
 - Created a RESTful Java application for school enrollment on a H2 embedded database.
 - Implemented effective SLF4J logging to enhance system monitoring and debugging capabilities.
 - Conducted thorough unit testing by employing MockMVC, ensuring the functionality and reliability of the service under different scenarios and inputs.
 - Incorporated role-based authentication, controlling access to specific resources and limiting responses to only those authorized for certain HTTP requests, ensuring data security and privacy.

Education

- **MSc Cloud Computing - MTU** **Expected 2026**
 - Currently Pursuing
- **BSc (Honours) Software Development - MTU** **2023**
 - First Class Honours

Certifications

- **Azure Fundamentals (AZ-900) - Microsoft** **Expected 2024**
 - Currently Pursuing