TOLULOPE AWONOLA

Dublin, Ireland

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Education

Maynooth University   **Kildare, Ireland**
Bachelor of Science in Computer Science and Software Engineering (Average: 2:1)   *September 2022 - current*

Relevant Coursework: Algorithms and Data Structures, Software Testing, Databases, Computer Architecture, Web Information Processing, Software Engineering and Software Process

Technical Skills

Languages: Java, SQL, Python, JavaScript, C++, HTML/CSS
Frameworks & Tools: VS Code, Eclipse, Git, Postman, MongoDB, Flask (Python web framework), Docker, Jira
Awards: Placed 1st Place in the CSC Coding Competition at Maynooth University

Experience

Junior Developer Analyst   **Kildare, Ireland**
Maynooth University   *Mar 2025 – Aug 2025*

- Led Agile development team of 8 as Scrum Master, coordinating sprints and facilitated stakeholder communications.
- Designed and implemented 2 REST API endpoints from scratch using Python Flask, including demonstrator allocation retrieval and timestamp functionality, with comprehensive error handling and validation.
- Implemented secure CRUD operations and built 30+ unit tests following TDD methodologies.
- Managed full software development lifecycle using Agile methodologies, Jira for project tracking, Git for version control, and participated in code reviews and technical documentation.

IT Support Intern   **Dublin, Ireland**
FLYNN   *June 2024 – September 2024*

- Supported with system upgrades on windows, which contributed to improved performance, security, and scalability.
- Assisted in network configuration and troubleshooting, ensuring secure connectivity and compliance with organizational IT policies.
- Designed and deployed automated installation procedures for Bluebeam on Windows platforms, increasing system effectiveness and decreasing errors in manual configuration.
- Collaborated on endpoint security management, including software patching and vulnerability mitigation.

Tutor and Demonstrator (Computer Science Center)   **Kildare, Ireland**
Computer Science Center (Maynooth University)   *September 2023 – May 2024*

- Facilitated lab sessions for programming courses, resulting in a noticeable improvement in students understanding and application of Java.
- Provided personalized guidance to students, resulting in a measurable increase in their confidence and performance in programming-related coursework.

Projects

Personal Portfolio Website (portfolio link: Tolu's Portfolio) | *HTML, CSS, Javascript*   **August 2024**

- Created professional portfolio to showcase technical projects and skills to potential employers while enhancing knowledge of HTML, CSS, and JavaScript technologies.
- Implemented clean, modern UI design with structured sections for skills demonstration and career progression display.
- Deployed live web application demonstrating frontend development capabilities and professional web presence.

Distributed Grades Management Application | *JavaScript, HTML, CSS*   **March 2024**

- Developed comprehensive grades management system to enhance understanding of DOM manipulation and JavaScript programming while creating a practical solution for academic grade tracking.
- Created a dynamic student grades table using HTML and JavaScript, allowing users to input, update, and manage student grades for multiple assignments with real-time data updates, ensuring efficiency and accuracy.
- Enhanced usability by implementing dynamic toggling of grade formats.