

Josh Devaney

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PROFESSIONAL SUMMARY

Detail-Oriented and Passionate Software Developer with a solid foundation in computer science. Proficient in JavaScript, Java, web development, database management, cloud computing, and testing. Knowledge in Agile Methodologies, with skills in designing test frameworks and optimizing processes. Quick learner with strong teamwork and communication abilities, dedicated to ensuring high-quality software solutions.

EDUCATION

Technological University of the Shannon

Athlone, Ireland

Bachelor of Engineering in Software Engineering

Sep 2023 – May 2024

- **Concentrations:** Cloud-Computing, Object-Oriented Programming, Agile Methodologies
- **Related Coursework:** Computing in Java, Object-Oriented Programming, Database Architecture and Design, Agile Methodologies and Version Control, Client-Side Technologies
- **Overview:** Developed Full-Stack Applications utilising NoSQL databases such as MongoDB and Google Firestore. Iteratively developed applications written in Java and JavaScript using Git

Technological University of the Shannon

Athlone, Ireland

Bachelor of Engineering (Hons) in Computer Engineering

Sep 2019 – May 2023

- **Concentrations:** Systems Programming, Computer Systems, Networks
- **Related Coursework:** Computing in Java, Object-Oriented Programming, Network Science, Mathematics, Electronics, Database Architecture and Design
- **Overview:** Gained practical experience in Computer Systems, Networks and Systems Programming through projects and lab work. Awarded 3rd Place in class for my entry in the 2023 TUS Engineering Expo.

PROJECTS

Agile Methodologies Group Project (Scrum Master)

- Communicated with and guided my team to develop a full-stack newsagent management system over two, three-week sprints.
- Organised weekly scrum stand-up meetings to analyse team performance and progress.
- Assisted the group in development and testing of the application.
- Ensured group members followed correct agile methodologies such as version control and testing methods such as boundary analysis testing.

FootyFFA (Thesis Project):

- Developed a Cloud-Based web application that provides a centralized platform for creating and participating in Premier League “Last Man Standing” leagues.
- Utilizes Firebase for NoSQL database management, hosting, and user authentication.
- API-Football data integration through Firebase Cloud Functions, to provide automatic and up-to-date football statistics and league information.
- Fully responsive to ensure a seamless user experience across all devices.

SmartHome (3rd Place in class, 2023 TUS Engineering Expo):

- Developed a hardware-based system using Arduino Mega, ESP32 module, current sensors, and LEDs to monitor and simulate real-time energy usage of a light bulb.
- Incorporates a wireless connection to a static webpage for remote monitoring and control of the LEDs, simulating a real-world light bulb operation.
- Real-time energy usage and cost information displayed on the webpage,
- Enabled remote control of the lights from the webpage to simulate a real-world smart home environment.

SKILLS

Stack:	JS ES6+, Java, HTML5, CSS3, Python, NodeJS, SQL, NoSQL,
Development Tools:	MySQL, GitHub, npm, MongoDB, Postman, RapidAPI, Neo4J, Android Studio, Figma, Photoshop, Illustrator, GIMP, Packet Tracer
Cloud Services:	Google Firestore, Google Cloud Services

EXPERIENCE

Longford/Westmeath Election Office	Mullingar, Ireland
<i>Presiding Officer</i>	<i>Mar 2024 – Present</i>
<ul style="list-style-type: none">• Managed, set-up and supervised the polling station in compliance with electoral regulations to ensure a smooth operation.• Coordinated with election officials to resolve issues and maintained the security and confidentiality of ballots.• Ensured the proper sealing of the ballot box and secure handling of all polling materials when handing them over to the designated authorities.• Achieved a 100% success rate with no spoiled ballots or voting discrepancies.	
<i>Poll Clerk</i>	<i>Oct 2018 – Mar 2024</i>
<ul style="list-style-type: none">• Verified voter identification and accurately recorded.• Assisted voters with the voting process and provided clear instructions.• Ensured the security and confidentiality of ballots and voter information.	
Bloomfield House Hotel, Leisure Club and Spa	Mullingar, Ireland
<i>Porter</i>	<i>Sep 2021 – Present</i>
<ul style="list-style-type: none">• Provided exceptional guest service by assisting with luggage handling, ensuring a smooth check-in and check-out experience.• Managed heating and boiler management system to eliminate faults and ensure functionality.• Maintained a high standard of cleanliness and organization in the lobby and common areas, enhancing the overall guest experience.• Coordinated with reception and housekeeping staff to fulfil guest requests promptly and efficiently.• Assisted guests with technical and maintenance issues, including TVs, internet, lighting, air conditioning, and heating, ensuring prompt resolution and guest satisfaction.	