

Karl Doherty

Software Developer

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Skills

Python | Java | JavaScript | C | TypeScript | C# | Angular | HTML + CSS | SQL | Firebase | .NET | Full-Stack -
All proficient or above

Experience

IRLCA Ltd | Software Developer Internship

Dublin, Ireland | March 2022 - August 2022

- Collaborated as part of a 6-person engineering team to develop an innovative **commercial web application** for use in the pharmaceutical industry.
- Contributed to the **front-end development of the application**, collaborating with the team to translate client requests and specifications into visually engaging and user-friendly designs.
- Actively participated in **regular standup meetings**, promoting effective communication and seamless collaboration among team members.

O'Reillys Sports | Store Operations Manager (**Part Time**)

Donegal, Ireland | March 2021 - Present

- Provide exceptional customer service to ensure a positive and memorable shopping experience for all customers.
- Manage inventory and maintain the store room, ensuring that all products are accounted for and properly organised.
- Handle online orders and ensure timely delivery to customers, utilising various shipping and delivery options.

Kees Hotel | Lifeguard

Donegal, Ireland | June 2016 - March 2021

- Assumed sole responsibility for ensuring the safety and satisfaction of customers using the pool facilities.
- Conducted routine pool maintenance tasks, such as testing and balancing water chemistry, ensuring proper filtration and circulation, and cleaning the pool area.
- Responded quickly and effectively to emergency situations, demonstrating excellent communication and problem-solving skills under pressure

Education

Dublin City University | Bachelor's degree, Computer Science

Dublin, Ireland | 2019 - 2023

- **Academic Distinction:** Second Class Honours, Lower Division (2:2)
- **Relevant Modules:** Programming I, II, III, IV | Data Structures and Algorithms | Database Management, Full Stack Development | Operating Systems | Object-Oriented Programming | Concurrent Programming
- **Final Year Project:** Designed a **music-focused social media application** for fans and artists, leveraging Angular and Firebase technologies, receiving an **honours grade**.
- **Extracurricular Activities:** As a member of the **DJ and MMA societies**, I honed my teamwork, event planning, and communication skills while fostering creativity and building a strong network of diverse individuals.

Projects

Football News Application

Created an android application to retrieve and display up to date, filterable and searchable news articles from multiple sources regarding the premier league.

Technologies Used:

Java, Python, Android Studios

Social Media Web Application

Created a social media application for music fans and artists to collaborate and communicate, featuring a song recommender and event finder based on location.

Technologies Used:

Angular, TypeScript, HTML/CSS, Firebase

PC Part Stock Checker

Designed and implemented a web scraping program during the 2021 computer part shortage to monitor multiple websites for real-time stock availability of graphics cards.

Technologies Used:

Python, Selenium, Pandas Dataframes