

Karl Doherty

Software Developer

Address: Donegal, Ireland | **Date of birth:** 10-02-2000 | **Phone:** (086) 2535939

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Languages + Frameworks

Python | Java | JavaScript | C | TypeScript | C# | Angular | .NET | Angular | Firebase | HTML | CSS | Wordpress

Experience

IRLCA Ltd | Full Stack Developer (Internship)

Clondalkin, Dublin | March 2022 - August 2022

- Collaborated within a 6-person engineering team, where I played a role in the development of a cutting-edge commercial web application for the pharmaceutical industry. Worked on both front-end (utilising **Angular, HTML, and SaSS**) and back-end (using **C# and .NET Framework**) components to deliver a holistic solution.
- **Engaged in Agile methodologies**, actively participating in daily standup meetings to ensure seamless cross-functional collaboration and effective communication, resulting in accelerated project delivery and quality assurance.
- **Played a pivotal role in enhancing the user interface (UI)** of the application, ensuring a more intuitive and user-friendly experience for pharmaceutical industry professionals.

O'Reilly's Sports | Shop Assistant / Website Maintenance (Part Time)

Ballybofey, Donegal | March 2021 - Present

- Proficient in **WordPress** and **WooCommerce** web development, responsible for maintaining a high-converting e-commerce website, which is constantly updated with new items, sales and offers.
- Participate in the creation of visually appealing product pages, category pages, and landing pages to showcase a diverse range of sports equipment and gear.

Kees Hotel | Lifeguard

Stranorlar, Donegal | 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 | BSc, Computer Science

Dublin, Ireland | 2019 - 2023

- **Academic Distinction:** Second Class Honours.
- **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 by team + date and keyword searchable news articles from multiple sources regarding the premier league.

Technologies Used:

Java, Python, Android Studios, Firebase

Social Media Web Application

A social media application for music fans and artists to collaborate, featuring a song recommender and event finder based on location, as well as all the regular social media features.

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 updates of graphics cards, and notifying the user of availability.

Technologies Used:

Python, Selenium, Pandas Dataframes