Karl Doherty
Software Engineer

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

Languages: Java, Python, TypeScript, JavaScript, HTML/CSS, C#, SQL, C
Frameworks: Angular, NodeJS, .NET, Spring, Django, React
Project Management: AGILE, SCRUM, Github, GitLab

Relevant 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 | *Website Maintenance*   *Ballybofey, Donegal* | *July 2023 - Present*
- Proficient in **WordPress** and **WooCommerce** web development, responsible for maintaining and updating 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.
- **Collaborate closely with sales executives** to seamlessly integrate new collections into the company's website.

Projects - *View All My Projects on Github.*

Music Focused Social Media Application | *https://github.com/k4rldoherty/ArtistConnect* | *Angular, TypeScript, Firebase*
- Built a **music-focused social media app** with advanced features, including song recommendations, event discovery, private messaging, and standard social interactions (following, liking and commenting).
- Integrated **Firebase Firestore** to enable real-time data storage and retrieval, ensuring seamless interaction and content updates for users, as well as **Firebase Authentication** for secure user registration and login.
- Utilised **Google Maps, Spotify, EventBrite, and TicketMaster APIs** to enhance event finder location-based search and song recommendation features.
- **Conducted rigorous testing and debugging** to ensure a stable and error-free application.

Football News Android Application | *https://github.com/k4rldoherty/PremNews* | *Java, Python, Android Studios*
- Engineered a sophisticated Android app for **multi-source web scraping**, offering users the ability to create accounts, select favourite soccer teams, search and filter articles, and receive real-time updates on their preferred teams from prominent news sources.
- Implemented **Firebase Functions to automate hourly web scraping**, ensuring a continuous database update with the latest stories.
- Empowered users with **advanced filtering and search capabilities**, enabling them to refine results by keywords, teams, and dates, while also offering sorting options by date and alphabetically.

Education

Dublin City University - *Bachelor of Science In Computer Science*   *Dublin, Ireland* | *2019 - 2023*

Relevant Coursework

Data Structures and Algorithms	Concurrent Programming	Object Oriented Programming	Software Principles and Methods
Full Stack Development	Database Management	Programming I-IV	Operating Systems

References Available On Request