Jack Farrell

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Drivers License: Category B

Profile

Highly motivated Computer Science graduate (Maynooth University, 2nd Class Hons) with a passion for software development.

Currently enrolled in a Master of Science in Software Engineering at the University of Limerick commencing September 2025.

Recently completed Full Stack Software Development Diploma (UCD) which showcases my drive to learn and adapt. Proven team player and independent problem-solver eager to contribute technical skills and dedication in a dynamic software development or computer science environment.

Education

Diploma In Full Stack Software Development-

University College Dublin

January 2023 – April 2024

Comprehensive program covering front-end and back-end web development, providing a solid foundation for building complete web applications.

Gained proficiency in frontend technologies: **HTML, CSS, JavaScript, Tailwind.css.**

Created dynamic user interfaces using JavaScript framework **React.js** and **Python** framework **Django and Flask**.

Implemented robust backend applications using **Python and PHP**.

Managed user configuration and Implemented database management using **SQL**.

Developed practical skills through hands-on projects.

Tech

Languages:
HTML, CSS, JavaScript, Python, Bootstrap

Back-end Frameworks:
Express.js, Django

Front-end Frameworks:
Angular.js, React.js, React-Native

Databases:
MongoDB, PostgreSQL, MySQL, Firebase

Side Projects

Sitting Room:
Developing a website for the indie-band Sitting Room using React.js and Express.js

Expense Tracking App:
Currently developing a IOS app using React-Native and Firebase.

Enhanced understanding of user interface design, server-side programming, database management, and full-stack integration.

Bachelor of Science Degree –

Maynooth University

September 2017 – May 2021

Successfully completed a rigorous Bachelor of Science program, demonstrating strong analytical and problem-solving abilities.

Acquired a broad foundation in scientific principles and research methodologies, applicable to various technical fields.

Employment History

Technical Experience:

Summer Work at Helsinn Birex Pharmaceuticals, Co. Dublin

June 2020 — September 2020

Production & Quality Assurance: Successfully operated production batches, ensuring adherence to GMP standards through meticulous documentation and quality checks.

Technical & Teamwork Skills: Demonstrated technical proficiency in equipment maintenance and provided training, showcasing leadership and communication abilities.

Summer Work at Tara Mines, Co.Meath

June 2019 — September 2019

Environmental Monitoring: Contributed to Tailings Pond monitoring, utilising a practical understanding of environmental science principles and data collection.

Fieldwork & Observation: Participated in on-site monitoring activities, data collection.

Summer Work at Kilsarn Concrete, Co.Meath

May 2018 — September 2018

Quality Assurance & Testing: Monitored product standards and conducted tests, showcasing meticulous attention to detail and a commitment to accuracy.

Data Collection & Analysis: Examined raw product samples and processed test results.

Additional Work Experience:

Office Worker at South Meath Golf Club

January 2023 — Present

Data Analysis: Created and maintained Excel Spreadsheets to track records of golf club members and any outstanding payments.

Managed Social Media Accounts: Created and scheduled posts for South Meath Golf Club's Instagram and Facebook pages.

Customer Service and Communication: Answered all incoming calls in a professional manner, ensuring excellent customer services and support to all clients.

Sales Assistant at Gerry Ellis & Sons

November 2021 — July 2022

Customer Service and Communication: Demonstrated strong communication and interpersonal skills through customer assistance, coupled with meticulous attention to detail in managing inventory and cash handling.

Inventory Management & Organisation: Implemented health & safety protocols, taking a proactive approach to risk mitigation and problem-solving.

Accommodation Porter at The Castle Arch Hotel , Co. Meath

June 2021 — September 2021

Guest-Focused & Service-Oriented: Provided exceptional guest support, showcasing strong communication and problem-solving skills while efficiently managing logistics.

Team Player & Adaptable: Collaborated effectively with various teams, demonstrating a proactive and adaptable approach to ensure seamless guest experiences.

References on request

Extra-curricular activities

Piano: Enjoy playing the piano.

Reading: Avid reader.