

James Cockfield

Software Engineer

Personal Info

jamescockfield10@gmail.com

07508391357

Skills

Leadership

Communication

Problem Solving

Teamwork

Adaptability

Resilience

Java

C++

Python

Flutter

C#

Web Technologies/Frameworks
(Frontend/Backend)

Interests

Scouts - Was the Cub and Scout leader at 1st Raploch in Stirling while I was at Stirling Uni then joined 3rd West Lothian as an Assistant Scout Leader when I was studying at Heriot-Watt.

Rugby - Led my High School first XV rugby team to the Ulster High School Cup final as captain, played Club Rugby for Ballynahinch RFC, coached mini rugby, and joined the Touch Rugby team at Stirling Uni where I served as president of the club for the 2022/23 season.

Summary

Innovative full-stack developer with hands-on experience across web, mobile and game projects using frameworks like React, Flutter and Django. Proven leadership and adaptability through academic excellence, client-facing roles and team-driven environments.

EXPERIENCES

09/2024 -

Software Engineer
Thales UK, Cheadle

- Responsible for picking up tickets and completing them using C++/Java.
- Integration and End to End testing to ensure reliability and that we get the expected results.
- When required, I travel to other sites to perform integration and end to end testing on rigs that replicate the live application.
- Documentation updates for any changes or new features like creating formal test documents.

08/2021 -
09/2023

Team Leader
CO-OP, Ballyholme

- Demonstrated adaptability and leadership, successfully transitioning between Co-op locations and managing a shop for 5 months.
- Excelled in interpersonal communication and problem-solving, ensuring high customer satisfaction and efficient issue resolution.
- Maintained shop standards, stocked shelves, and enforced company policies while providing guidance to colleagues, contributing to a positive work environment.

04/2020 -
08/2021

Team Leader
Dominos, Downpatrick

Education

PGCert Computer Science
Heriot-Watt University, Edinburgh

09/2023 -
06/2025

- Pursuing a Master's in Software Engineering.
- Studying modules in Industrial Programming, Games Development, Systems Programming, Distributed and Parallel Systems.

Interests

Gaming - I was a part of the Stirling Uni E-Sports team for League of Legends. In my 3rd year in the club I helped organise the team and prepare for tournaments.

Programming - In my spare time I do a lot of projects ranging from mobile apps in Flutter , websites using Next.JS and Django too telemetry trackers for driving simulator games in C++ like Euro Truck Simulator 2.

Education

09/2019 -
06/2023

BSc (Hons) Software Engineering
University of Stirling, Stirling

- Graduated with an Upper Second-Class BSc (Hons) in Software Engineering
- Completed key modules including Database Principles, Data Structures, Algorithms, Computer Games Development, and Mobile App Development.
- Developed a cross-platform educational app for my dissertation using Dart, Flutter, and Firebase. The app automates study schedules based on module credits to improve time management.
- Actively contributed to the University of Stirling Society of Computing, I was the CTO of the society where I was in charge of the websites, projects, etc... including creating a Discord Bot in Node.js, building a Laravel website with a linked MySQL database, and managing the servers the society used.

08/2017 -
06/2019

A-Levels
Shimna Integrated College, Newcastle, Co. Down

- A-Levels – BTEC Level 3 Public Services (Distinction), Software Systems Development (C), Digital Technology (D).
- During my A-Levels, I joined an IT Bursary program with Sentinus. I developed an equipment management system for Queen's University Marine Biology Lab, utilizing PHP, HTML, CSS, and JavaScript to interact with a MySQL database.

Awards

- Gold Duke of Edinburgh (School)
- King Scout Award (Scouts)
- Explorer Belt (Scouts)
- Level 6 Drums
- Level 5 Baritone