

# WILLIAM SULLIVAN

## SOFTWARE DEVELOPER

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 **LOCATION**  
Tewkesbury

## PROFESSIONAL SUMMARY


A Software Developer with industry experience and a Masters degree in Physics. Specialising in C# and SQL for desktop and database development, but recently returned from a working holiday in Canada where I took the chance to expand my skill set to include web technologies and JavaScript. Looking for a position where I can exercise my skills to provide solutions to real challenges and grow as I settle back in England.

## CORE COMPETENCIES

Full-Stack Software Development	C#, JS, Python	Database Design/SQL
Problem Solving	Statistical Analysis	Technical Communication
Software Testing	Teamwork	Research

## EMPLOYMENT EXPERIENCE

### SOFTWARE DEVELOPER | DataHorizon, Tewkesbury

 September 2021 – November 2022

- Designed and updated user interfaces, implementing new features and building applications from the ground up.
- Developed and maintained web services and databases to be utilised by these applications.
- Executed testing to ensure a robust program and a reliable user experience.
- Worked with Nigerian officials on the NPMS application, enabling the control of national oil production.
- Modified a **WinForms** application, written in **C#** and leveraging **SQL** queries to access an **Oracle** Database.
- Refactored pivotal controls in a **WPF** application, adhering to modern development practices, improving the maintainability and repaying years of tech debt.
- Established a **WCF** service to facilitate remote data access from a Microsoft **SQL** Server Database and a request manager to utilise the API and handle the large amounts of data.
- Helmed the development of a **MAUI** application for **Android** to allow remote access of the data.


### TECHNICAL ADMINISTRATOR | MypowerUK, Toddington

 August 2020 – April 2021

- Coordinated paperwork, working with installation teams to ensure valid certificates and documents were acquired, then delivering them to customers. Cleared a backlog of a year's worth of clients in less than a month.
- **Researched** battery storage and **analysed data**, calculating expected returns to determine long-term economic viability for clients.
- Developed a **Python** script during personal time to streamline the collation process and improve efficiency.

## CAREER BREAK

### WORKING HOLIDAY | Canada

 December 2022 – December 2024

- Spent a few years in Canada, seeking employment, engaging in networking events and reaching out to businesses.
- Expanded my tool set, learning web development by establishing a website portfolio and learning JavaScript, achieving 3<sup>rd</sup> place in a competition to produce a modification to a browser based game.

## EDUCATION

### Masters of Physics with Honours, Class II (Division I)

University of Birmingham, 2020

- Reinforced **problem solving** skills and **technical communication** abilities.
- Established a good foundation of knowledge for data science utilising **Python**.
- Culminated in numerous projects developing and utilising **AI** and **machine learning**.