

(Dewa) DAN SUTTON

Software Engineer

A passionate learner who strives to achieve the highest quality outcome in any situation. An excellent team-player and easily adaptable to self-reliant roles, and agile approaches to tasks. Works well under pressure, breaking down problems into logical and smaller steps.



Experience

Junior Software Engineer

With Wise Limited

May 2022 - November 2022 (redundancy)

I worked as a **Frontend Mobile app developer** at Wise. I worked primarily in **Dart (OOP)**, using the **Flutter** framework to develop the **Android** and **IOS** application used by 30,000+ delivery drivers. I followed detailed specifications and designs to deliver code at a professional standard.

In addition to this, I also used **GraphQL** to interact with the backend, and to create useful **fragments** to allow easy usage of data within the application.

During the development of the application, I also enhanced my skills with **integration tests** and **unit tests** within **Flutter**. I developed automated tests for each module of the application, ensuring stability during further iterations of the application, using testing packages such as **Mockito**.

I had the opportunity to lead myself on **solo research projects** on potential technologies that could be implemented into the application. One such technology that I developed involved creating a custom Flutter **Camera package**, which a user could use to crop documents. This crop would then scale and stretch automatically, allowing a clear, legible image of a document.

The Food Alchemist (freelance project)

Dec 2022 - January 2023

I created a website and shop platform for a local business that uses my project for bookings, hosting events, and e-commerce. It is now an important component of their business. Some notable technologies used: **Next.js**, **Stripe** (Headless CMS), **Strapi** (payments), and **GraphQL**.

Clear communication, an eye for detail, and flexibility were all skills that I utilised in creating this project and delivering value for my client. I followed closely to the brief laid out, creating a prototype in **Figma** for the client to test before programming the website. I also ensured whilst building the site, that elements such as items in the shop could be updated easily by the client. Using **Strapi**, the client had a secure portal to easily update content on the website.



Contact



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Skills



Education

QA Data Engineering Bootcamp

Gained knowledge in all areas relating to Data Engineering, including: Python, SQL, Machine Learning, Power BI and Databases. Passed **DP900 Azure** exam.

2021

BSc(hons) Music Technology (First class)

University of Hertfordshire

The School of Code

November 2021 - March 2022

An intensive 16-week bootcamp, where I learned how to work in a high performance tech team, specialising in full-stack **JavaScript** development, also using **React**, **Node**, **PostgreSQL**. During the course I built many applications solo, using pair programming or in a wider group. This developed my computational thinking and communication skills.

The bootcamp culminated in a 4-week group project. Myself and my small team created a map-based photo saving application. Our presentation can be found here:
www.youtube.com/watch?v=CMGiV8V-Mws

Sound Engineer/Technical Assistant

The Complete Camera Company
March 2020 - June 2021

I worked within a fast-paced environment, setting up and controlling camera and audio rigs for TV shows such as *SAS: Who Dares Wins*, *Gardeners' World*, *Grayson's Art Club*, and *All or Nothing: Tottenham Hotspur*. I was also heavily involved in fixing and maintaining equipment as well as audio-visual networks. Within this role, I had to be highly adaptable and agile in my approach to work, including learning new technologies, as well as breaking down complex projects into bite-sized pieces.

AV Technician

Create AV
September 2019 - February 2020

Worked as an individual as well as within an efficient team to deliver, run and manage professional AV installations for clients such as *London fashion week*, *HSBC* and *DSEI*. I also took charge with the designing, implementing and problem solving of audio technology to meet client expectation and specification.

Hobbies

Live musician

I perform within a successful band at all types of events and functions such as: Weddings, Private parties and festivals. I notably finished fifth in my age category, in the *Open Mic UK* competition in 2015. That year around **22,000** other musicians entered. I am involved with bookings, advertising and hiring of specific equipment when needed. I have also created our website using **Next.js** and deployed it to a custom domain at: www.the-wildfire.co.uk.

I also manage the leading an Open Mic night in my town. Organising the timings of acts, the livestream over Facebook using OBS, as well as Sound Engineering.