

# OSCAR SANZ

## FULL-STACK DEVELOPER

### CONTACT



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London

### SKILLS

React

JavaScript / TypeScript

Python

AWS Certified Developer

Azure, GCP

Kotlin

Node.js

### EDUCATION

Computer Science BSc

University of Sussex

First Class Honours 2016 - 2020

Dissertation - NHS funded research project, collaborated with Brighton and Sussex Medical School.

Developed a native iOS application, to improve the current system for measuring the quality of life of people with dementia in care homes.

### LANGUAGES

English

Spanish

### PROFILE

Self-motivated, meticulous individual with a first-class degree in Computer Science and over two years of experience in the fintech and healthcare industry. Enjoys creativity, embraces teamwork, and has excellent interpersonal skills. Enthusiastic about programming and thoroughly enjoys developing responsive websites and back-end code.

### WORK EXPERIENCE

#### Data Architect

Bupa

December 2023 - Present

- Partnering with key stakeholders across the business to understand strategic objectives, pain points, and data/analytics requirements in order to architect optimal solutions that empower and enable organisational transformation in a data-driven manner.
- Performing analysis on current business processes and data flows to identify risks, inefficiencies, and areas for improvement; developing mitigation strategies and solutions.
- Designing and optimising new data models and data architectures to support business goals including scalability, flexibility, governance, and performance.
- Maintaining and developing architectural models, diagrams and documentation using enterprise architecture software and standards (ArchiMate, TOGAF). Included capturing integrations between systems and mapping technology landscapes to provide clear visibility for stakeholders.

#### Full-Stack Developer

FDM Group

July 2023 - December 2023

- Worked in an Agile team, responsible for managing Azure Repos, and performing peer code reviews through pull requests before merging to branches.
- Designed and executed an in-house training system with Next.JS, written in TypeScript, to optimise the speed and performance for production.
- Integrated Supabase for the backend authentication and database (PostgreSQL database) – built Python micro-services (REST APIs) containerised with Docker to interact and perform operations on the backend server.
- Designed a responsive and mobile-first user interface by integrating Tailwind CSS with Next.JS, ensuring an optimal user experience.
- Actively mentoring and instructing developers within the team, through pair programming, in the utilisation of React with TypeScript. Equipping them with the proficiency to code and effectively leverage the core features of the Next.JS framework for web development.

#### Cloud Consultant

HSBC Group

July 2021 - July 2023

- Developed Python scripts to enable extraction of data from SQL and JSON files, decreasing time spent on operations from a week to a couple of minutes – used across both design and operations departments.
- Managed data for liquidity and risk-weighted asset reporting to financial regulators – Used ETLs along the system's pipeline to manipulate data and output into data containers.
- Performed queries on cloud data on Google Cloud Platform - extracting workflow data from BigQuery and Cloud Storage.
- Developed and maintained SQLs that manipulate data into views in BigQuery, outlining system pipelines during runtime.