



## Dave Budd

Software Engineer / Developer

daveisagit.github.io

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daveisagit

## SKILL SET

### Languages

Python Java Javascript

### Databases

Postgres BigQuery Oracle

### MSSQL

### Frameworks

Django Celery

### Frontend

HTML/CSS jQuery Bootstrap

### Cloud

GCP Kubernetes Terraform

### Integration / APIs

REST GraphQL SOAP

### JMS

### Deployment + CI/CD

Docker Kustomize Helm

### Github

Actions Circle CI

## EDUCATION

### BSc Mathematics

University of Southampton  
1987-1990

### PGCE

Institute of Education  
1990-1991

I have over 25 years experience of software projects in business sectors across Finance, Banking, Charities, Public Sector, Utilities and Logistics.

I primarily work in Development roles and am also experienced in Analysis, Design, Data Migration, Integration and DevOps. I am confident in my skill set and proficient in picking up new technology and languages very quickly.

## Employed

### Software Engineer

Feb 2019 - Present

OVO Energy

- Created a prototype Python application using Django (frontend) + Celery (backend) to collate all SaaS licenses under a user identity.
- Deployed the tool into production, hosted on a GCP Kubernetes cluster with CI/CD + monitoring.
- Ensured the internet facing frontend and backend met high security standards and passed regular penetration tests.
- Refactored the application model into a graph like structure so we could relate anything to anything as we started to capture a wider range of artefacts.
- It is a valued tool for the business which answers queries regarding ownership of assets, highlights issues and supports automations, saving over £1M in license costs and reducing security risks.

### Data Migration Specialist

Sep 2018 - Jan 2019

Felinesoft

Migrated client data into bespoke Microsoft CRM solutions.

## Contractor

### Developer

Aug 2017 - June 2018

Boxfusion (for CIMA)

- Implemented web service integrations into the clients (CIMA) CRM system.

### Integration Developer

Aug 2013 - July 2017

Cancer Research

- Built integrations for the data suppliers to supply feeds into the CRM system.
- Designed and built RESTful APIs over the CRM to allow easy integration to the Events Management System.
- Developed an internal Enterprise Service Bus using TIBCO after evaluating against other similar products.

### Developer

Mar 2013 - July 2013

Customer Systems

- Extended integrations (to World Pay) for Dyson's CRM system.
- Built course application integrations for CIMA.

### Data Migration Specialist

Mar 2010 - Jan 2013

Research Councils

- Homogenised 7 organisations onto a new common system involving over a 100 entities with high volumes of data.
- Developed a data validation engine to speed up turn around of iterations.
- Developed ETL integrations to the data warehouse.

### Integration Developer

June 2009 - Feb 2010

Logica

- Developed integrations for the Governments vetting and barring scheme.
- Added protective monitoring to record the accessing of sensitive data.

### Developer

1998 - Mar 2009

Various

Contracted at Atos Origin, Threadneedle, Nuon (Dutch energy company), Npower, Calortex as developer.

## INTERESTS

Jazz Maths Rowing Community