



## Dave Budd

Software Engineer / Developer

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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 and Calortex as developer.

## INTERESTS

Jazz Maths Rowing Volunteering