



Dave Budd

Software Engineer / Developer

daveisagit.github.io

Bristol (UK)

maildavebudd@gmail.com

+44 77 966 944 32

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.

PERMANENT EMPLOYMENT

Software Engineer

Feb 2019 – Present

OVO Energy

Majority of time spent building and owning an in house product which answers queries regarding ownership of assets, highlights issues and supports automations, saving over £1M in license costs and reducing security risks. This involved:

- Creating a prototype Python application using Django (frontend) + Celery (backend) to collate all SaaS licenses under a user identity.
- Deploying the tool into production, hosted on a GCP Kubernetes cluster with CI/CD + monitoring.
- Ensuring the internet facing frontend and backend met high security standards and passed regular penetration tests.
- Refactoring 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.

Other highlights:

- Supported and maintained mission critical legally sensitive systems until they could be decommissioned.

Data Migration

Sep 2018 – Jan 2019

Felinesoft

Migrated client data into bespoke Microsoft CRM solutions.

CONTRACTING

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

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

INTERESTS

Jazz Maths Rowing Volunteering