



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.

PERMANENT EMPLOYMENT

- 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.

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

INTERESTS

Jazz Maths Rowing Volunteering