

A Cloud Engineer & Developer, with experience at a variety of companies, across a range of technologies driving both technological change as well as business focused outcomes. Capable of wearing whatever hat is needed for a given job.



CERTIFICATIONS



| Google Apps Deployment Specialist | | Windows 7, Configuration - (Microsoft Certified Technology Specialist) |

</> SKILLS

Table with 2 columns: Skill Category (Programming, AWS, DevOps tools and methodologies, Google, Salesforce) and Skill Details (Python, Ruby, Bash, JavaScript, Dart, Apex/Java, Other Languages; Cloudformation, IAM, Lambda, DynamoDB, Core AWS services, Additional AWS services; IaC, Immutability, Configuration Management, TDD - Infrastructure, TDD - Application, Build systems, Containers, Init systems, Agile; GCP, Google deployment manager, Google App Engine, Google Apps; Apex, Configuration)

EMPLOYMENT

Open Source Developer, Self 2019-07 — Present

Spending a few months developing tools to make engineering in the clouds easier. And other assorted tools

Highlights:

- Built a mobile app to showcase user sourced data, using Flutter and Dart
Contributed to existing open source projects such as Gpodder and Gpodder.net
Built a tool to view twitter exports
Built a website to highlight the problems with FPTP
Built a tool to monitor activity on toxic internet communities

Projects: Mobile location based-app, Gpodder & Gpodder.net updates, Offline Twitter Export Viewer, Generic AWS Saml CLI (WIP), TheMajority.uk, Subreddit Monitor

Volunteer & Volunteer Coordinator 2022-01 — Present

Volunteering at various organizations, including coordinating volunteers and donated resources.

Senior Cloud Engineer, DPR consulting 2020-04 — 2021-10

AWS, Lambda, Typescript, React, Node, OAuth, Cognito, Dynamo, SQL, Cloudformation

Full stack developer (including support & infrastructure engineering) for multiple customer facing serverless applications.

Highlights:

- Picked up Typescript and React and to deliver front-end improvements
Improved build pipelines, to deliver CI while pushed quality left, by enforcing linting and coverage testing
(Collectively) improved our processes significantly to much better reflect agile best practices
Built and migrated to a multi-account structure with an access account deployed entirely as configuration

Projects: Broker ID, Broker ID Data, Distribution Hub

Cloud Systems Developer Lead, Cloudreach 2014-03 — 2019-07

Leadership, Mentoring, Architect, Tech Lead

Worked on customer projects as a Lead/Architect and mentored a small team.

Highlights:

- Architect on several Enterprise engagement, at companies such as NBIM, BP, News UK, etc.
Delivered both the architecture and implementation on multiple Cloud Access models
Managed a team for 4 engineers, helping them get the most out of working for Cloudreach
Helped run a city government hackathon (TFL)

Projects: Cloud Migration(Norges Bank Investment Management), AWS CIP(BP), Multi Cloud Lab Vending Engine(Cloudreach), TFL hackathon(TFL), Pearson Governance Framework and Prototype(Pearson)

Role Owner (Cloud Systems Developers), Cloudreach

2016-06 — 2019-07

Strategy, Vision, Internal, Personal Development

Worked with the leadership team to improve the System Developers role.

Highlights:

- Helped Engineers get improve their technical skills though a hands-on training workshop program
- Trained and mentored multiple sets of graduates

Projects: Personal Growth workshops, Graduate/FastTrack Trainer/coordinator, Interview Process update, Unified Chatroom system & Knowledge base

Internal hackathons/skunkworks Developer, Cloudreach

2012-02 — 2019-07

Highlights:

- Built Automated tanks that used image recognition to move and fire at each other.
- Built various useful internal tools, that remained in use for years
- Built a variety of IaC tools, that made deployments easier
- Won a trip to Central America
- Had project open sourced externally, by somebody that found it useful

Projects: piRobotWars, Calify, Cloudformation Supremacy Engine, Serverless Sceptre, Address Book, Contact sync, Holiday booking system, MusicBox

Cloud Systems Developer, Cloudreach

2012-02 — 2014-03

Worked on technical projects on AWS, Google Apps & Salesforce both individually and as part of a team.

Highlights:

- Worked across 3 cloud platforms (Google, AWS, Salesforce)
- Delivered difficult Google 2 Google migrations on tight deadlines

Projects: Salesforce Roll-out for Media Group(Heymarket), Cross Team Support at a Large Media company(News UK), Google to Google Migrations(Various (Milkround, News UK, etc)), Google Migrations(Various (Jamie Oliver group, Graze, etc)), Teletext Holidays Optimization(Teletext Holidays)

Support Engineer, Supporttree

2010-01 — 2012-02

Windows, OS X, Linux, Networking

Full support for small businesses including end user systems, on-premise servers and cloud services.

Highlights:

- Worked in a user facing role, for a variety of small businesses
- Made use of automation and unix, in an otherwise manual windows environment

🎓 EDUCATION

Bachelor Natural Sciences (Physics & Chemistry) [incomplete], UCL

2006-09 — 2009-07

A-Levels, King's School Grantham

2004-09 — 2006-07

Math Further Math Physics Chemistry Spanish

- AAAAA

🚲 INTERESTS

| Volunteering | | Open Source & Linux | | Traveling | | Punk Rock, Politics & the Pub |