

Chris Campbell

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Commercially aware DevOps and python developer with strong communication skills. Thinks strategically, focused on understanding and meeting business needs, able to quickly specify and build scalable, resilient systems in production. Experience gained in startups, medium and enterprise, publicly traded companies.

Experience

Ten Group

Platform Engineer

March 2018 - Present

- DevOps
 - Cloudfront automation for 45 domains and over 120 subsites (Dev/QA/Pre-Prod and Production)
 - Backend deployment - Travis, docker in production, EC2 through Rundeck and Ansible, with Packer built-AMIs on rolling deploy into Autoscale groups.
 - Secret management through Mozilla SOPs and AWS KMS
 - RabbitMQ and Celery workers in ASGs
 - Handling migrations and minimising downtime
 - Automating Deployments from existing branch/release click-to-deploy
 - Front-end deployment through Codeship and Webpack, deployed on S3 behind Cloudfront distributions
- Platform
 - Team member, refactoring existing codebase and tests from into Pytest
 - Python 3.6, Django 1.11

Pass The Keys

Senior Python Engineer

Aug 2017 -Mar 2018

- SRE role, refactoring and stabilising system performance
- Introducing automated testing, CI builds and automated deployments, across staging, testing and production environments.
- Led on client portal development (React) with REST backend (Python 2.7), and authentication microservice (Python 3.5)
- Infrastructure automation - AWS-CLI and load balancers, docker/dockerhub and migrating into Elastic Container Service

Govnet Communications

Backend Engineer

Sep 2016 - Aug 2017

- Tech lead on team of 3 in company of 220, events firm sending 3 million emails per year
- Integrations with list management & campaign management software
- Stabilise, refactor and rebuilt CRM as new bespoke CRM (vanilla JS) and ticketing system, as well as data management tools
- Requirements elicitation, design and implementation for dashboards and data explorer functions.
- Set up CI, test tooling and deployment management (Fabric, CircleCI), migrated to AWS

C Campbell Consultancy

Director

Aug 2015 - Present

- Tech lead for treatout.com MVP - a location-based tool to match diners with extensive food allergies to restaurants with suitable menu items.
 - Solicit business requirements, specify and build the product;
- Technical advisor to & economic analysis for Value People Limited - Better Business Case specialists, providing research and analysis for
 - Newport Knowledge Quarter
 - Connecting Cheshire Broadband
 - Homes as Powerstations - Swansea City Bay Region

Co-Founder: Strike.ly

2014-16

- Technical co-founder for Strike.ly, providing analysis for sports betting
 - API and backend design (Django 1.7);
 - Redis-based cache and queuing;
 - Payments system integration using GoCardless API;

Client Manager/ Grant Specialist: GrantTree Limited

2013-16

- Grant vetting and advisory for Innovate UK and H2020 technical applications
- Developed internal tools for grant matching and semantic analysis of technical narratives and data gathering questionnaires;
- R&D Tax Credits advisor, delivering tax refunds and credits for some of the UK's largest and best known tech startups

Strategy Director: Spacehive

2011-13

- Tested and project managed delivery of initial version of world's first civic crowdfunding platform - developer liaison and product management;
- Long term development strategy and scaling business model

2004-11

Department for Work and Pensions

Various policy and operational roles, including DWP Social Justice Strategy, DWP Strategy Unit, Personal Secretary to HR Director General, Central Operations Manager, The Pension Service.

Languages and Tooling:

- **Main languages & frameworks:** Python, Django, Flask, DRF, NLTK
- **Secondary languages & frameworks:** React.js, jQuery
- **Tooling & Automation:** Docker, Ansible, Fabric, CircleCI/Jenkins, Vagrant
- **Infrastructure:** Linux (Ubuntu / Debian / Amazon Linux), AWS (EC2/ECS/S3/RDS/Elasticache/Route53/ALB), Nginx, Gunicorn, Redis, DigitalOcean
- **Databases:** Postgres, MySQL, MSSQL, Redis
- **On the horizon:** MongoDB, Android SDK

Education

2012-17

University of Stirling

PhD (pending) *The Coalescent State, Assemblages of Public Policy and Surveillance*

2007-09

University of Glasgow

MSc *Political Communication*

2000-04

University of Stirling

BA Hons (1st) *Business Law and Business*