

Dylan Scott
References available upon request

PERSONAL PROFILE

A motivated, driven, capable DevOps Engineer and Full Stack developer with over five years of commercial development experience. This has been supported by extensive knowledge in multiple programming languages, cloud technologies and Linux System Administration. Career interests lie within infrastructure automation, provisioning, monitoring and DevOps.

I am now seeking a new opportunity within DevOps focusing on cloud automation, infrastructure as code and Kubernetes.

EDUCATION

September 2012 - 2016

University of Portsmouth

B.Sc Hons Web Technologies.

- Achieved a First Class Honors with industry placement.
- Studied and researched various engineering projects using technologies such as HTML5, CSS3, PHP, MySQL and Javascript.
- Designed and built several RESTful services alongside learning DevOps principles to build open authentication systems through practical coursework projects.

September 2010 - September 2012

Portsmouth College

- A Levels including: ICT, Computing and Biology.

September 2005 - September 2010

Admiral Lord Nelson School

- 13 GCSE's Including English, Maths and Science.
- GCSE / B-Tech Double Distinction Award.

SKILL SET

- Experience using popular cloud providers: DigitalOcean, AWS and Google Cloud Platform,
- Use of the Hashicorp DevOps Tools: Vagrant, Packer, Terraform and Consul
- Docker and Kubernetes System Administration
- Kubernetes Production Cluster Design
- Linux server administration, builds and automation.
- HTML5, CS3, PHP, Javascript, Node.js, Bash and several Frameworks including Express, Meteor.js, React and MochaJS
- NoSQL (MongoDB) and SQL (MySQL)
- Git including use of Gitlab and Bamboo CI / CD Pipelines

EMPLOYMENT:

January 2019 - Present

Data Integration Engineer

Senseye

- Responsible for the creation and maintenance of automated scalable data pipelines built in Typescript, NodeJS and pure Javascript.
- Built a wide variety of automation tools to transform and dispatch data from our customer IoT Devices into PdM. This has been achieved using AWS technologies and services such as AWS SQS, Cloudwatch, ECR with Grafana and Docker to ensure any data pipelines are cloud native and will scale on demand.

- In addition to working in a more traditional development capacity I have also utilised DevOps experience from previous roles to help design and build the underlying architecture supporting the pipelines leveraging traditional CI / CD and infrastructure as code tools.
- I have a keen interest in the adoption of Serverless applications in conjunction with Kubernetes
- Achieved the AWS Cloud Practitioner certification to work towards a fully certified DevOps Engineer track

April 2018 - December 2018

Senior DevOps Engineer

Maru EDR

- Responsible for maintaining a global infrastructure within a small dedicated DevOps team.
- Specialised in automated provisioning of infrastructure on AWS using Packer and Terraform.
- Supported development of configuration management tools such as Ansible and Puppet.
- Contributed and developed several open source Ansible roles such as Kubernetes, Consul, DHCP and BIND - <https://github.com/edigitalresearch>.
- Designed, built and administered highly available Kubernetes clusters for several environments. This allowed sharing of key knowledge with the wider team enabling deeper understanding of container orchestration.
- Providing Continuous Integration and Delivery pipelines to allow autonomous deployments for the development teams.
- Offer a more operational focused view through supporting customers within JIRA tickets.
- Monitoring and troubleshooting active infrastructure using Datadog agents.

February 2017 - April 2018

DevOps Engineer / Full-stack Web Developer

Five by Five

- Responsibilities include complete management over Five by Five's cloud (DigitalOcean / AWS) and on-premises virtualized infrastructure predominantly using Debian 9 and its derivatives.
- Full stack web application development with a focus on ES6 JavaScript and Node.js
- Implemented supporting infrastructure using Docker, Docker Registry and Gitlab CI to facilitate efficient, automated deployments.
- Proposed and project managed a significant cost-saving measure by eliminating all redundant hardware and cloud-environments.
- Responsible for identifying and patching multiple vulnerabilities within legacy infrastructure through system administration and web application management.

July 2014 - February 2017

DevOps Engineer

Purple Realtime / The Purple Group (Placement Year & Graduate)

- Responsible for development of several large and medium scale Meteor.js web applications and the implementation of DevOps technologies / practices