**Michael Johnson | DevOps Engineer**

**Location: Leeds, UK**

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Professional profile

A Linux enthusiast, with a passion for technology and automation.

A very social and skilled DevOps Engineer, Sysadmin, Infrastructure Engineer, with a lot of commercial experience in several different areas, from large consultancies, public sector contracts, and gambling industries.

IT/Technical skills

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| * **RHEL, CentOS, Debian, Arch** * **Python, Perl, PHP** * **Nginx, Apache, Flask** | * **MySQL, Postgres, MongoDB** * **Cassandra, sqlite3** * **Ansible, Terraform, Puppet** | * **AWS, GCP, Azure** * **Haproxy, Stingray, F5** * **Jenkins, OpenVAS, Git** |

Career summary

**Feb 2018 – Present William Hill, Leeds, UK**

***System Engineer (Contract)***

*Outline*

I was initially brought into the company, to fulfil a role as a system engineer, building a DR platform for the entire company. I finished that project about 6 weeks ago, and am now working on decommissioning old Cisco ACE load balancers.

*Key responsibilities*

* Analyse the companies extremely large infrastructure, across several teams, and countries.
* Reverse engineer existing technologies and processes.
* Configure and deploy over 150 applications, consisting of thousands of servers.
* Use Puppet as an orchestration tool to deploy virtual machines, or docker images.
* Design and configure Stingray load balancers for networking
* Constant troubleshooting of older applications, we were migrating to new technologies, such as docker.
* Decommission older Cisco ACE’s and replace them with stingrays. This involves a lot of traffic analysis

*Key achievement/projects*

* Created a working DR environment, in just over a year, for a company whose infrastructure is massive. And other companies told them it couldn’t be done.

**Mar 17 – Dec 17 DXC Technology, Newcastle UK**

***DevOps Engineer (Contract)***

*Outline*

Working on a project for EON, to automate applications into the cloud.

*Key responsibilities*

* Implemented the use of Git, and Git flow principles to streamline the development process.
* Wrote a Slackbot, which used the AWS API to be able to automate simple and repetitive jobs.
* Used HP Operational Orchestration Software to automate the deployment of EON’s applications

**Sep 16– Mar 17 Performance Horizon, Newcastle UK**

***Infrastructure Engineer***

Working as an Infrastructure Engineer at Performance Horizon requires skills, interests and ambitions in various technologies, software, hardware etc. It has been the first role which I’ve really required hands on experience with bare metal servers, but also cloud technologies. I’ve needed to pick up vast amounts of new skills, from Ansible, to Python to the ZFS filesystem. It really has been an excellent learning opportunity as the company uses cutting edge equipment in attempt to always stay ahead of the curve.

**Oct 15 – Sep 16 Accenture, Newcastle, UK**

***Devops Engineer***

This role entails re-hosting an Enterprise Application (compromising Siebel, Informatica, Business Objects) from a supplier data centre to Skyscape cloud. I have been instrumental in implementing automation (primarily using Puppet, Jenkins, Docker, eSX, Kickstart and the vCloud API) which has reduced the time taken to provision a new environment from 2 weeks to 5 hours.

**Aug 14– Oct 15 Hewlett Packard (Now DXC), Newcastle, UK**

***DevOps Engineer***

Working on a very high visibility contract (Universal Credit) as a Deputy Team Leader for an Environments support team. Ensuring environments were up to date, stable. Implementing monitoring solutions and managing then. Building and implementing various processes and scripts to streamline the day to day tasks.

Education and qualifications

* Level 3 NVQ in Team Leadership 2014 InTraining
* BTEC Level 3 ND IT System Support 2008 – 2010 Gateshead College
* CCNA (Cisco Certified Network Administrator) 2010 Gateshead College
* A-C Grades in: English, Science, Maths, ICT, PE 2000-2006 Thomas Hepburn School

References available on request