George R. Norfolk – Résumé

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Personal Profile

I am an eager, reliable, and dedicated Platform Engineer with an enthusiasm for DevOps values and an agile culture. I am passionate about maintaining infrastructure as code and security best practice, as well as upskilling with new tools & langauges, and reaping the benfits in my day to day work. I have a keen interest in the high-level service role of a DevOps or Platform team and how we interact with and support development teams.

Certifications

Oct 2019 AWS Certified Sysops Administrator Associate - Amazon Web Services

Result: Pass (834/1000)

2014-2017 Bachelor's Degree - Queen Mary University of London

BSc. Astrophysics - **Second Class Honours: Upper Division**
- *3rd year project: Fortran simulation of 3 body problem totalling 500 Billion iterations.*
- *Elected Social Secretary of Queen Mary Games and Video Gaming society.*

2013-2014 Foundation Degree - Queen Mary University of London

Science and Engineering Foundation Programme - **First Class Honours**
- *Officer Cadet in the British Army University of London Officer Training Corps.*

Employment History

May 2019 - Present LexisNexis, Lexis House, 30 Farringdon St, London, EC4A 4HH.
DevOps / Cloud Engineer

I joined the London Platform Engineering team in March 2019 with Sparta Global, and after good performance, became a full-time employee of LexisNexis two months later. In the time since joining, I have had the following responsibilties and experience:

- Deployment of legacy and modern web apps into AWS using Jenkins, Packer, and Terraform.
- Monitoring and Management of AWS accounts using Jenkins, Python scriping, and Terraform for select AWS services (VPC, IAM, Config, SSM).
- Defined & documented best practice Jenkins deployments into AWS, used to deploy previously on-premesis sophisticated web application.
    - Including AWS CLI & credential best practices, secretsmanager integration, security gates, and basic deployment testing.
- Executed multiple InfoSec initiatives, including IAM least privilege, Infra as Code, networking, software scanning, security gates, etc.
- Driving force behind my team's agile transformation, advocating within team and enlisting help from outside of team.

Technologies: AWS, Jenkins, Packer, Terraform, Python, Docker, Kubernetes.

Nov 2017 - April 2019 Sparta Global, 6th Floor, 125 London Wall, London, EC2Y 5AS.
Consultant

Prior to employment, I unrdertook 12 weeks of programming training, specialising in DevOps technologies. I attained a placement at LexisNexis ES in Leeds, before transferring to LexisNexis UK in London for the final two months. In this time I gained the following experience:

- Owner of support for Azure & on premesis environments, triage of Windows machines and Dynamics 365 application.
- Contributed to my team's agile & Kanban transformation, and was a member of the company agile Community of Practice.

Technologies: Azure Cloud, Azure DevOps, Powershell, C#, VMWare, Microsoft Dynamics 365, Windows OS.

Software Engineering Skills

- **Technology**

  AWS Cloud - Hourly use of varied and core services, backed up by AWS SysOps Associate certification.
  Jenkins (Groovy) - Defined best practice Jenkins deployment pipelines, utilised across department.
  Terraform - Deployed Apps and AWS services via Terraform, continuously improved best practice.
  Linux OS - Daily management of AmazonLinux2 instance fleet via SSH terminal.
  Packer - Defined best practice integration with Jenkins pipelines, and other best practice for Packer.
  Windows OS - Support and management of varied Windows environemnts over 4+ years in LN, and more.
  Python - Authored and deployed suite of Python Lambdas, regular improvement of reporting scripts.
  Bash / Unix - Constant interaction with Linux machines via SSH, and regular bash scripting.
  Kubernetes - Took, improved, and delivered internal training course for deploying onto LN cluster.
  Docker - Authored dockerfiles for deployments onto cluster, taught fundermentals in internal training.
  Powershell - Debugged, improved, and wrote Windows instance management scripts.
  Azure Pipelines - Created and delivered course content on core Pipelines concepts including labs.
  Ansible - Debugged and improved ansible scripts and deployments for legacy applications.
  Azure Cloud - Supported development environments, with user management and cost analysis.
  Splunk - Written and updated basic Splunk data calls.
  LaTeX - This CV is written in LaTeX.

- **Soft Skills**

  Teacher - Delivered and improved upon ten-session kuberenetes internal training course.
  Mentor - Mentored junior team members, helped identify and fill knowledge gaps.
  Coach - Coached struggling development team in technical skills and ways of working.
  Agile Practices - Designed and facilitated team Retrospectives and Show & Tells.
  Agile Culture - Enthusiast and driver of agile transformation and improvement within team.
  DevOps - Continued advocation of DevOps practices and culture across department.

Referees

Name	Adrian Farnell
Company	Lloyds Banking Group
Position	Lead Engineer
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