

Jack Lumley

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Professional profile:

An experienced DevOps Engineer with focus in Cyber Security backed by a first-class degree in the field. Keen to use my knowledge and experience in cloud computing and security to progress further in my career.

Education:

Sheffield Hallam University, 2019 - 2023

BSc (Hons) Cyber Security – First Class

Modules including: Network Security, Enterprise Application Management, Advanced Penetration Testing, Information Security Management and my final year project.

Cheshire College South & West, 2017 - 2019

BTEC Level 3 Extended National Diploma

Information Technology – DDD

Alsager High School, 2011 - 2016

8 GCSEs grade A*-C, including Maths and English

Work Experience:

DevOps Engineer, November 2024 – Present

Apadmi - <https://www.apadmi.com/>

Anchorage 2 Salford, The Quays, Manchester M50 3YW

- Worked on a multitude of projects with a range of clients and support teams to implement bespoke, complex solutions that consistently meet requirements and deliver value.
- Built relationships with clients and maintained them throughout and after the period of contracted work.
- Recommended and developed best practices, both instilling new and improving pre-existing processes.

DevOps Engineer, July 2023 – November 2024

Raytheon UK - <https://www.raytheon.co.uk/>

London Rd, Harlow, CM17 9NA

- Worked in an Agile environment with a strong focus on business value deliverables.
- Architected the entire deployment lifecycle, encompassing local builds, deployment pipelines, and the underlying infrastructure, ensuring an intuitive, rapid, and secure process from development to release.
- Investigated and implemented DevOps tools and ways of working to instil within the team improving efficiency and productivity while also reducing costs.
- Identified security tools and practices to implement throughout the development lifecycle of pre-existing and new products.
- Made recommendations and implemented Azure services to improve app performance.
- Supported developers implementing and troubleshooting apps at both code and infrastructure level.

Junior DevOps Engineer, July 2021 – August 2022

3Squared Ltd - <https://3squared.com>

Fountain Precinct, Balm Grn, Sheffield City Centre, Sheffield, S1 2JA

- Handled both internal and external support tickets assisting those in need with access rights or infrastructure.
- Created and maintained IaC modules to ensure infrastructure deployment is up to date, secure and intuitive.
- Developed projects to assist the business in automating repetitive tasks such as requesting access rights.
- Worked in multiple environments adding features and functionality to pre-existing products from early development to live production.
- Migrated existing deployment pipelines/processes from multiple services including TeamCity to a new centralised platform, Azure DevOps.

Key skills:

Communication

- Excellent oral and written communication skills developed through academic study and working closely with clients and customers.
- Experience using communication to explain relatively complex concepts and data to novice clients.

Teamwork

- Experience of working in different teams both academically on security hardening projects and professionally in an Agile environment with a strong focus on software development/deployment.
- I encourage and manage team members to ensure work is done in a timely manner and to a high standard.

Organisation

- Excellent organisational skills gained from experience managing social media pages, creating smart upload schedules, and handling multiple items of work simultaneously.
- Experience working in multiple project teams and taking on the role of team leader throughout a project developing a security hardware device for the South Yorkshire Police.

Data analysis

- Experience with the analysis and interpretation of social media interaction data to increase online presence which lead to an overall increase in customers by 20%.
- Regularly analyse data produced from applications and azure services to produce effective monitoring/alerting solutions and reduce unnecessary operational costs.

Programming

- Excellent knowledge of Python with experience writing scripts to create secure sockets between a client/server and the automation of vulnerability scanning.
- Excellent knowledge of Terraform with experience building environments from scratch based on customer requirements.
- Experience with Golang, working on bespoke applications and implementing projects like Terratest to test Terraform infrastructure deployments.
- Proficiency with BASH and PowerShell to build bespoke scripts to assist with CI/CD deployments and infrastructure configuration.
- Strong understanding of Node and npm from working on and troubleshooting TypeScript/React applications.
- Experience using SQL/mysql to build and query databases to ensure they are robust and cable of handling erroneous datasets.

Cloud Infrastructure

- Architected, built, and configured secure environments using a variety of Azure services including both Unix and Windows virtual machines that hosted a variety of applications.
- Experience configuring installing, configuring, and using DNS and Active Directory to set up a Domain with multiple users of ranging privileges on Windows Server 2019.
- Experienced in FinOps, reduced operational costs within the cloud, achieving savings of up to 80%.
- Experience with AWS and CloudFormation creating backup solutions for Azure DevOps repositories.

Key Tools:

Azure	Terraform	Python	Docker	BASH	Ansible	Linux	MySQL	TypeScript
Azure DevOps	Terragrunt	GoLang	CI/CD	PowerShell	Git	WinServer	MongoDB	JavaScript

Outside interests:

CCNA Routing and Switching: Introduction to Networks

- Completed the CCNA Routing and Switching: Introduction to Networks course to advance my networking knowledge.

HackTheBox & TryHackMe

- Actively take part in challenges and competitions for fun but also further my knowledge of system security.