

Sean Lucey

CLOUD INFRASTRUCTURE ENGINEER ·

Cork, Ireland

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Skills

Cloud Computing	Amazon Web Services
Configuration Management	Ansible
Containerization	Docker
Infrastructure as Code	Terraform, Packer
CI/CD	GitLab, TeamCity
Programming/Scripting	PowerShell, Java, Python
Monitoring/Observability	ELK stack, New Relic, Prometheus, Grafana
Databases	MSSQL, MongoDB
Source Code Management	Git
Web Servers	IIS, Nginx
Secrets Management	Vault

Professional Experience

Genesis Automation

Cork, Ireland

CLOUD INFRASTRUCTURE ENGINEER

Oct. 2018 - Present

- Genesis Automation is a SME MedTech company that specializes in software solutions for hospitals, providing traceability, analytics, management and point of care solutions.
- I oversee our core infrastructures, networks, services, safeguards, and monitoring solutions. Providing uptime on system critical servers.
- Developed deployment automation using Python and PowerShell for software upgrades on test and live systems
- Designed and built public and private VPC networks for client solutions according to customer specifications.
- Architected and developed high availability web applications infrastructure.
- Manage Amazon Web Services – EC2, S3, RDS, ElasticSearch, CloudWatch, IAM, VPC, CloudFront.
- Took initiative in introducing and integrating IaC tools Packer, Terraform, and Ansible.
- Setup network monitoring solutions and created visualization using flow logs, ELK stacks and Kibana.
- Developed and automated backup and disaster recovery solutions for client production servers.

Ervia

Cork, Ireland

DESKSIDE SUPPORT ENGINEER

Jan. 2017 - Oct. 2018

- Resolved end user incidents, logging, and recording through Service Now ticketing system.
- Managed Exchange and Active Directory across multiple domains.
- Spearheaded companywide project for the imaging, deployment, maintenance, and support in the migration of 300+ users from XenClient to Windows 10 laptops.

PFH Technology Group

Cork, Ireland

DEPLOYMENT ENGINEER

Dec. 2016 - Jan. 2017

- Coordinated and developed deployment process for rollout of laptops with Windows 7.
- Trained team members in deployment and documentation process.

Digital Networks Solutions

Norwich, UK

TECHNICAL SUPPORT ENGINEER

Nov. 2013 - Jan. 2016

- Administered vSphere-hosted Windows servers and network infrastructures.

Education

University College Cork

Cork, Ireland

COMPUTER SCIENCE

2007-2012

- FYP: Using Java, I created a network-based banking system. This project revolved around bank-like interactions between a locally run server, connecting clients and an Access database backend. Clients performed basic banking services such as withdrawals, transfers, and viewing account details.