

Sean Lucey

CLOUD INFRASTRUCTURE ENGINEER ·

Cork, Ireland

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Skills

Cloud computing: Amazon Web Services

Databases: Microsoft SQL, MongoDB

Configuration Management: Ansible

Source Code Management: Git

Containerization: Docker

Web Servers: IIS, Nginx

Infrastructure as Code: Terraform, Packer

Secrets Management: Vault

CI/CD: GitLab, TeamCity

Programming/Scripting: Powershell, Java, Python

Monitoring/Observability: ELK Stack, New Relic, Prometheus, Grafana

Professional Experience

Genesis Automation

INFRASTRUCTURE TEAM LEAD

Cork, Ireland

Dec. 2021 - Present

Genesis Automation

CLOUD INFRASTRUCTURE ENGINEER

Cork, Ireland

Oct. 2018 - Dec. 2021

- 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 99.9% 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.
- Containerized applications using Docker and managed ECR repositories.
- 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

DESKSIDE SUPPORT ENGINEER

Cork, Ireland

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

DEPLOYMENT ENGINEER

Cork, Ireland

Dec. 2016 - Jan. 2017

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

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.