**James Calleja**

4 Bickerton Rd, Unit 3, N19 5JR, London | 07436890733 | [james.calleja@gmail.com](mailto:james.calleja@gmail.com)

**Profile**

Senior DevOps Engineer with high level experience with containerisation and micro-service cloud native architecture. Over 15 years industry experience in AWS/VMware cloud management & optimization. Professional experience building & supporting reliable, highly available & secure global production services running on Docker in AWS cloud. Proven ability to drive and deliver projects to meet business requirements.

**Projects**

With Habitat Energy I implemented SSO federated user authentication to leverage Gsuite for AWS account access and permissions management. Also designed and implement AWS Control Tower for account provisioning and access management.

At Spotlight I built cloud native AWS environment for a complete replatforming of the website. Migrated all databases from EC2 SQL to RDS. Rearchitected 20 year old legacy monolith web application into scalable microservices hosted on ECS. Achieved near 100 % IaC coverage with Terraform.

With SAI Global, I completed a global active directory domain controller and domain upgrade from 2003 to 2008R2. I also rolled out a green field virtual infrastructure project (VMware) including new Active Directory Forest, for a new business platform.

While with Rplan I migrated test environments and Active Directory to the AWS cloud. Migrated workloads from the Ireland region VPC to the London Region. Worked with clients to setup, deploy to, and maintain external testing environments while keeping security and compliance in mind.

**Experience**

**Senior DevOps Engineer at Habitat Energy** – 04/2022 to 12/2022

[Pioneering battery optimization]

* Worked with Terraform to implement IaC in AWS
* Built CI/CD pipelines with Github, Bash, Code build and Code pipeline, Teamcity and Octopus deploy
* Set up Kubernestes cluster for Airflow workloads
* Manage a range of AWS services including EC2, IAM, ECS, Control Tower, S3, R53, SNS, SQS etc.
* Move RDS instance to private subnets for improved security posture for the company
* Set up Single sign on for AWS accounts using Google work space as the IDP
* Terraformed Control tower implementation for AWS account creation and management
* Set up openVPN servers to enable connections to client sites
* Managing AWS budget to keep costs in check
* Ownership over DevOps Jira Kanban board and backlog

**Senior DevOps Engineer at Spotlight** – 02/2019 to 03/2022

[UK’s leading online casting platform]

* Worked with Terraform to implement IaC in AWS
* Built CI/CD pipelines with Github, PowerShell, TeamCity, Docker and Octopus deploy
* Used a range of AWS service including EC2, IAM, ECS Fargate containers, SNS, SNQ, RDS, R53, Api Gateway, S3, SES, etc
* Implemented a cloud native, microservice architecture to enable delivery of a performant, scalable and reliable platform using AWS well architected framework best practices
* Migrated SQL databases from EC2 to RDS to increase stability of the databases and associated pipelines while reducing costs
* Environment automation with Packer and Chef
* SES segregation proxying staging emails out via a second VPC while leaving all other application architecture the same VPC
* Worked with the business and development teams to ensure fast delivery to production while ensuring business requirements and architecture standards are met
* Moved legacy monolith applications to containers.
* Monitoring and alerting of environments and API end points with DataDog and PagerDuty
* Managing AWS budget to keep costs in check
* Ownership of DevOps Kanban board and backlog

**DevOps Engineer at TicketMaster International** - 03/2018 to 10/2018

[TicketMaster is the largest ticket retailer in the world]

* Automated software deployments with Octopus deploy
* Managed AWS instances, network infrastructure and storage requirements
* Worked with Terraform to implement IaC
* Active Directory and Group Policy design and management

**DevOps Engineer at Rplan LTD** – 08/2016 to 01/2018

[Rplan is a B2B investment software company]

* Migrated test environments to AWS cloud
* VPC migration to London VPC for GDPR compliance
* Automated software deployment pipelines with TeamCity and Octopus deploy
* Ensured ISO 127001 IT security compliance standards were met
* Automated daily and common tasks with PowerShell
* Active Directory and Group policy design and management
* Regular testing of backup and restore solutions including Redgate SQL software
* Maintaining availability and updates for Atlassian Jira, Confluence, Octopus deploy, and Teamcity
* Monitoring and alerting of environments with PRTG

**IT Infrastructure Analyst, Principality building society (UK)**

[Principality is the largest mortgage and savings institution in Wales]

March 2016 – August 2016

**Systems Engineer, SAI Global (Australia)**

[Global reseller of industry standards, standards compliance auditing and provider of corporate services in the mortgage and banking sector]

May 2011 – July 2015

**Systems Engineer, Fairfax Digital (Australia)**

[Australia’s largest online web media organization]

May 2009 – May 2011

**Education**

**Georgian College, Barrie, ONT** – Computer Systems Engineer, 2005

**MCSE 2007** (Microsoft Certified Systems Engineer),

**Skills**

AWS, EC2, EBS, S3, RDS, ELB, ECS/EKS/ECR, Fargate/Docker/Kubernetes, Cloud front, Cloud Formation, APIGateway, IAM, Route53, SES, Lambda, SNS, SQS, MAD, VMware, Microsoft Server, Linux, Bash, Github, Terraform, eksctl, kubectl, flux v2, PowerShell, Python, Prometheus/Graphana, Chef, Packer, CI/CD tools