

AKIRA ALLMAN

DEVOPS CONSULTING ENGINEER

CONTACT INFORMATION

| 07473665218 | akiraallman0@gmail.com | [LinkedIn](#) | [Github](#) | [Personal Website](#)

PERSONAL STATEMENT

I'm an **AWS Certified** DevOps Engineer with a strong passion and interest in **leveraging cloud technologies to produce** a strong architected framework for customers. I have **hands-on** experience with AWS with an understanding of the **AWS Well Architected Framework** and **Leadership Principles**. Alongside this, I also have a strong foundation in **Infrastructure-as-Code** (Terraform) and **OS Platforms** (Linux). I am eager to utilise my skills in a multidisciplinary team.

WORK HISTORY

Associate DevOps Engineer | Site Reliability Engineer (September 2022 - PRESENT)

Automation Logic / Version1 - London

May 2022 – Present

- Successfully undertook an intensive 3-month graduate training programme involving various technologies and services such as AWS, Kubernetes, Docker, Terraform and Ansible.
- Engaged in several projects surrounding **data storage**, web applications and **containerisation** via EC2 and serverless offerings (ECS via Fargate). Initiated black box testing through Terraform to develop skillsets for future graduates related to SQL, Ansible, Python, Kubernetes and Docker. Expedited the testing process by producing automated pipelines through Jenkins.
- Provided knowledge for **cache and db-tier** of AWS architecture, encouraging clients to use **Elasticache** for storing Java HashMaps over MySQL, significantly reducing caching costs for data provisioning.
- Presented a lecture on **Cloud Resiliency** to peers providing a high and low level architectural design of implementing Chaos Engineering via **FiS**, integrated with **System Incident Manager**, **CloudWatch** and **Eventbridge** to facilitate response plans to shutdowns, and incident mitigation.\
- Coordinated meetings with public sector clients, providing consistent updates to project progress whilst maintaining a strict ETA.
- Handled issues within EC2 compute instances following provisioning of infrastructure, investigating **ASG health check**, Mount Target failures and **ALB** failures, or debugging services and applications within instances via EC2 Session Manager / Instance Connect.
- Provisioned a **GitLab CI/CD** pipeline enabling a **clean-up process** of miscellaneous files in Artifactory through the **jfrog-cli**. Automated this process via scheduling a weekly occurrence of clean-up.
- Contributed to projects through Agile methodology.
- Coordinated presentations for **Equality, Diversity and Inclusivity** during religious and cultural festivities, contributing to the production of infographics and resources to raise greater awareness surrounding cultural diversity within the workforce.

Data Engineer Trainee

QA Limited - London

January 2022 – March 2022

- Completed an intensive 3 month academy exploring various services and core concepts featured within Microsoft Azure such as RDS, Data Lake and Warehouse alongside exposure to GitLab, Bash and Azure Cloud Shell.

- Produced an 89% - 94% accuracy score by using ML algorithms (GBM, HPT) across statistical datasets from Kaggle.
- Explored Microsoft Azure and cloud migration services, implementing a data platform solution using Stream Analytics, Databricks and CosmosDB resulting in data successfully triggering a pipeline run.

Catering Assistant

TOZA's Catering - London

2017 – 2021

- Devised and implemented a granola scheme using excess flapjack crumbs as yoghurt toppings, overhauling the dessert menu leading to a 10% profit increase and a successful ROI.
- Reduced customer complaints by implementing a booking scheme narrowing customer waiting time by 27% (4 minutes) during peak hours.
- Produced strategies for ensuring customer retention during the pandemic using surveys and interviews improving daily earnings by 22%.
- Coordinated with a diverse team of catering professionals during intensive events and conferences, delegating roles in order to maximise operational efficiency whilst simultaneously ensuring that tasks were being handled accordingly

QUALIFICATIONS / CERTIFICATIONS

Amazon Web Services (AWS)

Solutions Architect - Associate | February 2023

AWS Personal Projects

- Configured a personal static website through **S3** using a **custom domain** registered through **Route53** attached with an SSL Certificate and being routed to a **Cloudfront Distribution** for performance (global caching) enhancement.
- Performed **migration of a legacy database**, utilising **VPC** Peering Connections, **Subnets** and **Routes** as well as producing an **RDS** with **DMS**, Data Replication Instances and **tasks** to migrate data from on-premises to the cloud.
- Built a web application utilising **EFS** for shared media storage, **ELBs** for DNS routing and **communication abstraction** as well as **ASGs** and **Launch Templates** to ensure **scalability**, **resilience** and reducing time necessary to provision resources for upstarting the web page.

Microsoft Azure

Azure Data Fundamentals | March 2022

University of Exeter | **B.A Politics and International Relations** | 2018 - 2021

First Class Honours | June 2021

Dean's Commendation for Exceptional Performance | June 2021

Exeter Award | June 2021

Technical skills

- Cloud Technologies: **EC2** | **Container Orchestration** (ECR, EKS) | **Networking** (IPSec, VPN, NAT, Subnets, Global Accelerator)
- Infrastructure as Code (IaC): Ansible, Terraform, CloudFormation
- Scripting and Programming: Python, Bash, JSON, YML
- Version Control: Git, GitLab, BitBucket, GitHub
- CI/CD: Jenkins, GitLab, CodeCommit
- Agile/Scrum Methodologies
- Strong Communicational and Leadership Skills

ABOUT ME

I'm an avid reader with my main interests lying in both history and fantasy novels. I also enjoy sporting activities and go to the gym on a weekly basis. I am fluent in both Japanese and English.