

AKIRA ALLMAN

DEVOPS CONSULTING ENGINEER

CONTACT INFORMATION

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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, centred around the importance of cloud reliability and availability. I have an acute understanding of the **AWS Well Architected Framework and Leadership Principles**. Alongside this, I also have a strong foundation in **IaC 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 a 3-month graduate training programme involving various technologies and services such as AWS, Kubernetes, Docker, Terraform.
- Provided architectural knowledge during the migration of legacy services to serverless offerings, ranging from deploying ASGs and identifying the benefits of switching from EC2 Instances to a managed service (Elasticache).
- Provisioned resources within a governmental project (Site Reliability Engineering), managing IaaS and PaaS tools and services in AWS.
- Independently provisioned Python scripts in order to provide DB connections, utilising Python-oracle DB to establish client connections to Oracle DB in both thin and thick mode.
- Coordinated meetings with clients, providing consistent updates to products and services whilst maintaining a strict ETA, proliferating end-user satisfaction.
- 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 produce a series in order to develop skillsets for future graduates related to SQL, Ansible, Python, Kubernetes and Docker. Expedited the testing process by producing automated pipelines through Jenkins.
- Utilised knowledge of Linux to handle networking issues within VM's, troubleshooting and updating defunct and deprecated services and applications within instances.
- 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 Projects

- Configured a 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 enhancement.
- Deployed a web application (Wordpress) and performed migration of database utilising VPC peering connections, subnet and table routing as well as producing an RDS with DMS and Data Replication Instances and tasks to move data from on-premises to the cloud.
- Built a highly available web application utilising EFS for shared media storage alongside ELBs and ASGs successfully automating the provisioning of web applications via Launch Templates and user data configuration.

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: **AWS** | Cloudwatch | S3 | VPC | RDS | DMS | ELB | ASG | R53 | EC2
- Infrastructure as Code (IaC): Ansible, Terraform, CloudFormation
- Scripting and Programming: Python, Bash, JSON, YAML
- Version Control: Git, GitLab, BitBucket, GitHub
- CI/CD: Jenkins, GitLab
- 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.