AYANLE SALAD

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Personal Summary

Graduated with a master's degree in Chemical & Process Engineering. Strong passion for automation, designing and deploying highly available, secure and scalable infrastructure. Proficient in CI/CD pipelines, serverless architecture and monitoring solutions. A highly motivated individual, who values teamwork and coordination. Always eager for opportunities to lead and challenge others creating value for both myself and the business. I am passionate about tech, lifelong upskilling and development.

Education

University of Surrey | Guildford, UK

Master's Degree (Honours) in Chemical and Process Engineering
2020
Awarded Master of Engineering in Chemical Engineering with Upper Second-Class Honours.
Accredited by the Institution of Chemical Engineers (IChemE). Award Date (8 July 2020)

City and Islington Sixth Form College	London, UK	Willowfield School	London, UK
A-Levels	**GCSEs**
2016 Mathematics (A) Chemistry (A) History (B)	*2014* 11 GCSEs - 1A*, 8A's, 1B and 1C

Experience

Sway Me Good | London, United Kingdom
Mid-Level DevOps Engineer
03/2025 – present
DevOps Engineer
03/2023 – 03/2025

- Built Serverless Applications (AWS SAM) as part of CI/CD pipelines using GitHub Actions
- Protected backend APIs by authorising whitelisted IPs only (AWS Lambda)
- Setup server monitoring using Prometheus & Grafana
- Actively monitored prod services using Sentry, reviewing error alerts.
- Delivered highly scalable and highly available microservices using AWS EKS & Helm, ensuring backend services were protected with TLS certificates and public access (via ALB) was protected through SSL certificate from ACM.
- Implemented a scalable, asynchronous S3 backup solution for data lake using Lambda. Storing monthly backups in cheaper GLACIER storage class.
- Built APIs & Webhooks (GrahphQL & API Gateway)
- Built modular Terraform infrastructure with reusable AWS resource modules and environment-specific configs for scalable, isolated, and repeatable deployments.
- Deployed ELK Stack using Kubernetes with Secure TLS/SSL Configuration.
- Added new microservices into backend (Nx and Next.js)
- Setup versioning & alias for Lambda functions to ensure rollback.

Sparta Global | London, United Kingdom
Junior DevOps Engineer
07/2022 – 03/2023

- Automated CI/CD pipelines with GitHub & Jenkins
- Built and deployed Microservices with Kubernetes
- Deployed monolithic and N-tier architecture on AWS using Jenkins
- Provisioned Infrastructure as Code (Terraform)
- Utilized configuration management tools (Ansible, Terraform and Vagrant)
- Automated tasks using python scripts.
- Used Ansible playbooks to install DevOps tools on servers.

Additive Flow | London, United Kingdom
Applications Engineer

- Showcased capabilities of proprietary software and its application
- Created value decks (business model opportunities) for executives, engineers and government research organizations (UKAEA & NPL)

| 06/2021 – 01/2022 | • Created engineering whitepapers, articles, and case studies. As well as publishing heat exchanger case study for Zeiss as the project manager. |
| | • Developed workflows in numerous industrial projects. |

UNIVERSITY OF SURREY | Guildford, Surrey **Process Coordinator** *02/2019 - 06/2019*	• Coordinated the overall framework of the project to meet stakeholder needs
	• Managed the methanol synthesis loop area in the plant and coordinated the work and areas of the other engineers.
	• Business plan report: Processed the plant capital cost estimate spreadsheets.
	• Sustainability: Generated the life cycle environmental impact assessment.

UNIVERSITY OF SURREY | Guildford, Surrey **Shift Hand on Flour Pilot Plant Facility** *01/2019 - 02/2019*	• Ran pilot scale plant producing sodium chloride solution delivering tonnes of product on-specification. Gained valuable experience on:
	• Writing up standard operating procedures & risk assessments
	• Application of health and safety in a chemical process

Skills

Soft Skills
- Active communication & organizational skills
- Effective teamwork, leadership & problem solving
- Dynamic workplace flexibility and willingness to learn
- Robust integrity and dependability
- Team leadership (as scrum master)
- Agile methodologies (backlogs, stand-ups, sprints)

Technical Skills
- AWS cloud infrastructure & Serverless Stack
- Docker & Kubernetes (inc. Helm)
- Terraform, Ansible & CloudFormation
- Monitoring with Prometheus & Grafana
- CI/CD pipelines using GitHub Actions & Jenkins
- Microsoft Office (Word,Excel,Trello,PowerPoint,Teams)
- Python, TypeScript & JavaScript

Certifications & Continuous Upskilling

- ✓ AWS Certified Cloud Practitioner (CLF-C01)
- ✓ HashiCorp Certified: Terraform Associate (002)
- ✓ AWS Certified Solutions Architect Associate (SAA-C03)
- ☐ Microsoft Azure Fundamentals (AZ-900)
- ☐ AWS Certified SysOps Administrator Associate (SOA-C02)
- ☐ AWS Certified Developer Associate (DVA-C02)
- ☐ Certified Kubernetes Application Developer (CKAD)
- ☐ AWS Certified DevOps Engineer Professional (DOP-C02)
- ☐ AWS Certified Solutions Architect Professional (SAP-C02)

Tech Stack and Experience:
- ❖ https://github.com/ASalad42
- ❖ https://ayanlesalad.netlify.app/
- ❖ https://tripsplits.vercel.app/ (Personal SaaS Application)