

# Ankur Walia

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📍 Glasgow, UK | [ankur@ankurwalia.com](mailto:ankur@ankurwalia.com) | 📞 +44 7501 243833

AWS Certified Solutions Architect | No Sponsorship Required

## Professional Summary

AWS Certified Solutions Architect with 10+ years in IT (5+ in cloud engineering), delivering scalable, secure, and highly available AWS infrastructure across fintech and GRC domains. Expert in Infrastructure as Code (AWS CDK, Terraform), DevOps automation, CI/CD pipelines, and cloud-native architecture. Proven track record in cost optimization, secure cloud design, and multi-account strategy. Adept at collaborating in Agile environments and translating business goals into robust, production-grade solutions.

## Technical Proficiencies

- Cloud Platforms: AWS (ECS, EC2, VPC, Route 53, KMS, DynamoDB, SQS, SNS, ALB, S3, Lambda, RDS, IAM, CloudFront, CloudWatch, Kinesis, Secrets Manager, SSM, Identity Center).
- IaC & Automation: AWS CDK (TypeScript), Terraform, CDKTF, Boto3, Python, Bash.
- DevOps & CI/CD: CircleCI, GitHub Actions, GitLab CI, GitOps, Docker, CloudFormation.
- RDBMS: Oracle RDBMS, Oracle EBS, Oracle PL/SQL, Performance Tuning.
- Monitoring & Security: Datadog, SonarQube, Auth0 (SAML/OAuth2), Jest, AWS Config.
- Tools: AWS SSM, Lucidchart, Hava.
- Practices: DevSecOps, Agile/Scrum, Cost Optimization, Multi-Account Architecture.

## Professional Experience

### Senior DevOps Engineer

Surecloud Ltd. – Glasgow, UK

Nov 2022 – August 2025

- Built modern AWS cloud infrastructure using AWS CDK, and Terraform to support next-gen SaaS platform keeping security, scalability, backups, and cost efficiency in check.

- Created reusable CDK L3 constructs and CDKTF modules, reducing duplication by 40%.
- Automated CI/CD pipelines (CircleCI, Jenkins) for microservices across multiple teams.
- Developed Python-based AWS Lambda functions with Boto3 and achieved 100%-unit test coverage using Moto and Jest.
- Integrated enterprise-grade security tools SonarQube, ESLint.
- Configured Identity Center with automatic provisioning users from Azure AD via SCIM and created permission sets with appropriate IAM policies based on least privilege principle, along with deployment boundary for security and access management.
- Automated onsite and offsite backups for RDS, DynamoDB, S3, Auth0 Data to prepare for Disaster Recovery.
- Designed serverless malware scanning pipeline triggered by S3 uploads using AWS Lambda and event-driven architecture.
- Provisioned CloudFront distribution with multiple backends like S3, and ALB, and handled the routing and DNS using Route 53.
- Setup Auth0 with multiple organization setup and created users, tenants, SAML connections, Databases etc. using Auth0 API, and CDKTF.
- Configured Datadog for observability, metrics collection, and incident response analysis by creating dashboards, alarms, errors etc. using CDKTF.

### **AWS Consultant**

Avaloq Innovation – Glasgow, UK

Apr 2021 – Nov 2022

- Led design and deployment of scalable AWS environments across production and dev accounts.
- Designed multi-AZ EC2-hosted Oracle DB systems ensuring high availability.
- Automated IAM permission sets and resource tagging strategies using SCP and SSO.
- Developed proof-of-concept IPAM solution using AWS RAM and CIDR pooling.
- Integrated Terraform Cloud with GitLab CI for automated deployments.
- Scripted automation routines for patching and resource provisioning using Python (Boto3) and AWS SSM

### **Associate Consultant (Atos Syntel)**

Student Loans Company – Glasgow, UK

Jan 2018 – Nov 2020

- Provisioned AWS infrastructure for application hosting (EC2, ALB, VPC, S3 access points).

- Automated deployment tasks using IaC templates and shell scripts.
- Maintained Oracle PL/SQL packages and implemented system reports using Oracle Forms 12c.
- Served as production support lead for live defect triage under Agile workflows.

### **Oracle Developer (Syntel Ltd.)**

Humana Inc. – Kentucky, USA

Nov 2014 – Dec 2017

- Customized Oracle Product Hub with PL/SQL and event-driven architecture.
- Developed and deployed metadata rules, concurrent programs, and data migration tools using Web ADI.
- Engaged directly with US-based stakeholders for requirements analysis and code reviews.
- Mentored junior developers and improved team development practices.

### **Education**

B.E. in Computer Science – 2010 to 2014

Grade: 6.96/10

### **Certifications**

- AWS Certified Solutions Architect – Associate (<https://tinyurl.com/49ah8ank>)
- Avaloq Certified Customization Professional