PROFESSIONAL EXPERIENCE

Senior DevOps Engineer – Salesforce Platform Automation

Financial Services Technology Consultancy | 2021 – Present

- Architected and implemented end-to-end automated release management for Salesforce Financial Services Cloud serving 25,000+ regulated users, utilising Azure DevOps pipelines with YAML-based configuration achieving 99.98% uptime
- Designed sophisticated CI/CD pipeline architecture incorporating automated regression testing, static code analysis, and deployment validation, enabling deployment frequency of 8+ releases per month while maintaining zero critical production incidents
- Developed comprehensive automation framework using Python, Salesforce CLI, and Bash scripting that reduced manual deployment effort by 85% and eliminated configuration drift across multiple environments
- Integrated OwnBackup automated data protection services with custom Python orchestration scripts, ensuring regulatory compliance with data retention policies while enabling rapid environment refresh capabilities
- Implemented MuleSoft API Gateway integration patterns within Azure DevOps workflows, enabling seamless data flow between Salesforce and core banking systems while maintaining audit traceability
- Established robust version control strategy using Git branching models optimised for regulatory environments, supporting concurrent development across 12 workstreams while ensuring code quality and change control
- Created automated sandbox provisioning system reducing environment creation time from 2 days to 45 minutes, enabling development teams to maintain separate environments for each regulatory reporting requirement

DevOps Platform Engineer – Cloud Infrastructure Automation

Regulatory Technology Specialist | 2019 – 2021

- Led Azure DevOps transformation initiative for mission-critical regulatory reporting platform, implementing Infrastructure as Code using ARM templates and Terraform, achieving 99.95% system availability
- Developed monitoring and alerting framework using Azure Monitor, Application Insights, and custom PowerShell scripts, reducing mean time to detection for critical issues from 25 minutes to under 3 minutes
- Implemented automated testing frameworks incorporating unit testing, integration testing, and security scanning using SonarQube and OWASP ZAP, achieving 95% code coverage while maintaining deployment velocity
- Designed and implemented automated rollback mechanisms using Azure DevOps release pipelines, enabling rapid recovery from deployment issues with average rollback time of 8 minutes
- Collaborated with security and compliance teams to embed automated security scanning and compliance validation within CI/CD pipelines, ensuring regulatory requirements were validated at every

deployment stage

- Mentored development teams in DevOps best practices and Azure platform capabilities, establishing centres of excellence that improved overall team capability and reduced support overhead by 40%

Systems Integration Engineer – Automation & Deployment

Enterprise Software Solutions | 2017 – 2019

- Developed automated deployment solutions for multi-tenant SaaS platforms serving regulated industries, implementing Blue-Green deployment strategies that eliminated service downtime during releases
- Created comprehensive monitoring dashboards using Grafana and Prometheus, providing real-time visibility into system performance and enabling proactive issue resolution
- Implemented automated configuration management using Ansible and PowerShell DSC, ensuring environment consistency across development, staging, and production systems
- Designed disaster recovery automation procedures achieving RTO of 15 minutes and RPO of 5 minutes for critical business systems
- Established automated compliance reporting workflows that reduced regulatory reporting preparation time from 40 hours to 2 hours per quarter
- Built automated performance testing framework using JMeter and custom scripting, enabling continuous performance validation and capacity planning