

Jessica Claire

Hybrid Cloud Engineer

Summary

Hybrid Cloud Engineer with eight (8) years of experience working with several customers. Adept at developing solutions, procedures, and service standards for project transformation and business excellence. Proficient in designing effective solutions for cloud deployment and transitioning multiple projects, ensuring seamless delivery of services. Exceptional hands-on experience in managing server infrastructures, database migration, and implementing upgradable and scalable infrastructure in AWS Cloud and Azure Cloud.

Technical Skills

Cloud Technologies: AWS, Azure

Azure Services: ADF, ADB, Storage Account, VNet, Subnet, Automation Runbook, ACR, ACS, AKS, KeyVaults, Azure Apps, Logic Apps, Express Route, SQL Instances, Azure Repo, Azure Pipelines, Azure Boards, Azure Artifacts

AWS Services: VPC, Subnet, VPN, Direct Connect, CloudTrail, CloudWatch, CodeCommit, CodeDeploy, CodePipeline, API Gateway, ALB, Auto Scaling Group, EKS, Docker, AWS Control Tower, Terraform, CloudFormations, CloudEndure, Cloud Native, AWS RDS, ECS, Cloud Security, Landing Zone, Transit Gateway, Control Tower, EKS, SNS, Cloud Networking, Load Balancer, Elastic Cache

Additional Skills

DevOps Tools: Terraform, Ansible, CFT, ARM Templates, Jenkins, Docker, Docker Compose, Docker Swarm, Kubernetes, OpenShift, Grafana, Nagios, Bamboo, Nexus, Checkmarx, Ant

Scripting Languages: Python, Shell Script, PowerShell, Groovy

Experience

DevOps Engineer

08/2020 - Current

Foundation Capital, Spokane, WA

Cloud automation using Terraform, Ansible, CFT, ARM Templates

DevOps CI/CD with Jenkins, Ansible, Docker, Docker Compose, Docker Swarm, Kubernetes, OpenShift, Grafana, Nagios, Bamboo, Nexus, Checkmarx, Ant

Scripting with Python, Shell Script, PowerShell, Groovy

Analyzed customers' AWS environments to identify cost-saving opportunities

Implemented and configured security services to properly harden infrastructure

Coordinated with customers to implement cost-saving strategies

Monitored customer environments daily for anomalies, trends, and savings opportunities

Handled offshore junior team using Agile methodology

Published a research paper on cloud security in a major trade publication, highlighting innovative security measures implemented at Foundation Capital.

Site Reliability Engineer

02/2017 - 07/2020

Accenture (Contractor), Tacoma, WA

Worked with distributed teams to design and develop frameworks, solution accelerators, and proofs of concept for external customer-facing products

Deployed AWS services to solve customer application issues such as latency and unavailability

Managed AWS-provided portal account access, credentials, and privileges

Rotated IAM access keys regularly and standardized password expiration

Ensured architecture solutions were compliant with security frameworks

Wrote IAM policies to grant users and groups necessary privileges

Designed and contributed to security architecture processes

Involved in the design and security oversight of next-generation firewalls, intrusion prevention systems, DDoS solutions, SSL-terminating load balancers, WAF, security groups, NACL, and encrypted data stored in EBS and Amazon RDS

Developed a novel cloud deployment strategy that significantly reduced latency and improved system reliability, which was later adopted by multiple teams within Accenture.

DevOps Engineer

03/2015 - 01/2017

Foundation Capital, Golden, CO

Created documentation and roadmap for implementation

Curated Terraform modules for multiple services including VM, Storage Account, ADF, Data Bricks, Automation Runbook, etc.

Set DFS algorithm to complement ADF deployment flow

Helped set up linked templates to solve ARM template deployment issues

Created CI/CD pipelines using Azure DevOps for end-to-end code testing and implementation

Designed Git hierarchy to enable optimal versioning

Improved security using Key Vault and security best practices

Handled offshore junior team using Agile methodology

Received a high remuneration package, placing her in the top 10% of earners in her field, as evidenced by her pay statements and contract details.

Education

High School Diploma

01/2009

Nayabander BI High School, Bangladesh

Certifications

AWS Certified Solutions Architect – Associate

AWS Certified DevOps Engineer – Professional
Microsoft Azure Fundamentals Certified