Manaswi Hejeebu

Seattle, WA | +1 (425)-998-9664 | linkedin.com/in/manaswihejeebu | mhejeebu@gmail.com

WORK EXPERIENCE

AWS Infrastructure Engineer - Infocloud Enviro   *Feb 2023 - Jun 2025*

- Architected a secure, production-grade AWS landing zone for Kareem (Dubai) and Toast (U.S.), integrating EC2, S3, IAM, and VPC; reduced onboarding time for new services by 40%.
- Automated 120+ Terraform modules and Jenkins pipelines with dynamic backends, enabling zero-touch infra provisioning for 4 teams and reducing deployment rollback incidents by 80%.
- Orchestrated ECS-based microservices rollout using ECR-hosted Docker images with auto-scaling, task definitions, and failover strategies; handled 3x surge in production traffic with 99.99% uptime.
- Engineered CloudWatch dashboards with 20+ custom metrics and SNS incident pipelines, cutting MTTD/MTTR by 60%.
- Conducted AWS cost governance reviews; applied EC2/RDS right-sizing and S3 tiering, resulting in $10K+ annual savings.
- Drove SOC 2 compliance readiness by implementing org-wide GuardDuty, Config Rules, and centralized CloudTrail logs.

AWS DevOps Engineer - Ebus Software Technologies   *Apr 2022 - Jan 2023*

- Spearheaded microservice delivery pipelines across dev/stage/prod using ECS, RDS, and S3 for Tech Mahindra's internal SaaS platform.
- Developed 10+ parameterized Terraform modules with remote backends, modularized IAM, and reusable network templates.
- Enforced security best practices by designing 25+ JSON IAM policies, automating secret rotation via Lambda and AWS Secrets Manager.
- Created GitHub Actions workflows using OIDC-authenticated Terraform pipelines with role assumption and approval steps.
- Reduced deployment cycles from 40 to 15 minutes across 15+ services using GitHub Actions, Docker, and ECR.
- Improved system reliability by 65% by integrating CloudWatch alarms, log metrics filters, and ECS/RDS performance dashboards.

AWS Platform Engineer Tools - Ebus Software Technologies   *Feb 2022 - Apr 2022*

- Migrated 150+ records and 5 internal apps for Zomato's partner delivery platform to AWS EC2/RDS, improving uptime by 50%.
- Built 10+ Bash automation scripts to automate EC2 log audits, service restarts, backup checks, and disk utilization monitoring; scheduled jobs using cron with email alerts.
- Designed a secure VPC architecture spanning 2 public and 2 private subnets across multiple AZs, configured custom route tables, NAT Gateway, Internet Gateway, and enforced 20+ NACLs and SGs to control inbound/outbound traffic.
- Integrated Secrets Manager and KMS for credential management in CI/CD, boosting security and compliance.

Cloud Reliability Intern - Sparks Foundation   *Dec 2021 - Jan 2022*

- Led Amul's eCommerce site migration of 12 static pages and assets to S3, enabling HTTPS via Route 53 and CloudFront; load time improved by 35%.
- Deployed a sandbox infrastructure simulating Netflix-style streaming service, showcasing EC2, RDS, S3, and IAM policy best practices.
- Configured 5 IAM roles with scoped policies, enforced MFA, and applied S3 lifecycle transitions and expirations to meet client budget constraints and audit guidelines.
- Designed automated backup and restore processes for S3 data and RDS snapshots using Lambda and CloudWatch Events, ensuring data durability and disaster recovery readiness.

EDUCATION

SCSVMV University | Bachelor in Computer Science

CERTIFICATIONS

AWS DevOps Training Program, Jenkins + GitHub CI/CD Workflow Mastery

TECHNICAL SKILLS

Cloud Platforms: Amazon Web Services (AWS), Azure, GCP | Services: EC2, S3, IAM, Lambda, EKS, ECR, Cognito, Fargate | Networking: VPC, Subnets, Route 53, Security Groups | Programming Languages: Python, JavaScript, C++ Infrastructure as Code: CloudFormation, Terraform, Ansible | DevOps Tools: Git, Github, Jenkins, Docker, Kubernetes | Databases: Amazon RDS, DynamoDB, PostgreSQL | Monitoring and Logging: CloudWatch, CloudTrail, Splunk.