

DeepSagarKaray

Cloud | DevOps Engineer



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PROFILE SUMMARY

Skilled Cloud DevOps Engineer with **5+** years of experience. Expertise with Azure, AWS & Azure DevOps. Provisioning customized environments, designing highly available, cost-effective, and fault-tolerant systems with multiple instances, auto-scaling, elastic load balancers, and so on in cloud platforms. Strong expertise in environments such as Red Hat Enterprise Linux, Centos, Windows Server, and cloud architecture. Good experience on DevOps tools like Docker, Kubernetes, Terraform, Jenkins, Ansible, GIT, and Nginx. Being able to design and implement CI/CD pipelines and containerization operations using microservices architecture and cloud native design concepts. The ability to troubleshoot complicated issues and identify root causes, with a focus on continuous system improvement and optimization. Commitment to providing best practices in security, compliance, and risk management, as well as experience implementing cloud security controls and monitoring.

TECHNICAL SKILLS

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|----------------------------|--|
| ✓ Cloud Platform's | : AWS, Azure |
| ✓ Scripting Languages | : (BASH) Shell Scripting |
| ✓ Operating Systems | : Red Hat, Ubuntu, CentOS, Window Server 2016, Mac OS |
| ✓ CI/CD & Versioning tools | : Jenkins, Gitlab, GitHub, Bitbucket |
| ✓ Configuration Tools | : Ansible, Terraform, Cloud formation (AWS), ARM Azure |
| ✓ Containerization Tool | : Docker, Kubernetes, Packer |
| ✓ Web host Applications | : Apache Tomcat, Nginx |
| ✓ Monitoring Tools | : AWS cloud watch, Prometheus & Grafana, ELK stack |

CERTIFICATIONS

Certified in AWS Solution Architect Associate (SSA-CO3).

Certified in Azure Fundamentals (AZ-900).

WORK EXPERIENCE

TIETOEVR – DevOps Consultant | Dec 2024 – Present
Project Client – ANBTX (American National Bank of Texas)

Responsibilities:

As a Cloud DevOps Consultant, Monitor and maintain Bitbucket pipelines for Salesforce/MuleSoft/API/ETL deployments.

Trigger, review, and debug builds and deployments (e.g., MuleSoft APIs, DBT jobs). Update Confluence with deployment plans, release notes, and rollback procedures. Collaborate with developers to manage branching strategies and merge requests.

Design and deploy secure, version-controlled APIs via MuleSoft Anypoint Platform. Track API performance, latency, and retry logic using Datadog dashboards. Using Jira for ticket assignment, sprint planning, and task tracking.

Project Platform tools:

Salesforce, Mule Soft, Data dog, Jira, Webex, Postman, ETL tools, & other.

AMDOCS (Pay Role: NITYO Infotech) – Cloud DevOps Engineer | Feb 2023 – Sep 2024
Project Client – AT&T (CRÈME and MDNCN Applications)

Responsibilities:

As a DevOps Engineer, ensured end-to-end infrastructure provisioning, security operations, and deployment automation on Azure Cloud.

Managed application control operations, monitored metrics for network traffic, databases, and deployments.

Provisioned and managed Azure infrastructure (Virtual Machines, VNets, Load Balancers, Storage Accounts) using Terraform.

Built reusable Terraform modules to streamline infrastructure deployment for environments (dev, staging, prod).

Integrated Terraform and Ansible into Azure DevOps (ADO) pipelines to enable automated CI/CD workflows.

Implemented DR and HA strategies using Azure native services with failover clusters and autoscaling policies.

Architected and deployed multi-region infrastructure ensuring fault tolerance and high availability.

Developed Ansible playbooks for tasks like patching, user management, and SSH key rotation for security automation.

Optimized cost and resource management through automation and tagging strategies.

Secured deployments by integrating Azure Key Vault with Terraform and Ansible for secrets management.

Project Platform Tools:

Azure Cloud, Azure DevOps, Terraform, Ansible, Azure Key Vault, Git, YAML Pipelines, PowerShell, Bash, Databases (SQL/NoSQL), Monitoring Tools (Azure Monitor, Log Analytics)

TECH PRIMO SOLUTIONS - DevOps Specialist | March 2022 – Oct 2022

Project Client – FINONE Technologies (MUVIN e-Banking Application)

Responsibilities:

Worked as a DevOps Specialist focusing on build & release management, CI/CD pipeline operations. Provisioned and configured secure, cloud-based infrastructure based on architectural blueprints to support MUVIN e-banking applications.

Designed and maintained CI/CD pipelines using Jenkins, enabling automated deployments and seamless updates.

Used Ansible and Docker for configuration management and environment consistency across Dev, QA, and Prod.

Configured and managed OpenVPN user authentication, ensuring secure connectivity for remote service access.

Managed Kubernetes deployments, including writing and updating YAML files for deployments and services to optimize application uptime and performance.

Implemented infrastructure monitoring and alerting systems to proactively detect failures and improve system reliability. Applied security patches and updates regularly, maintaining a hardened and compliant infrastructure environment. Conducted incident management and RCA during deployment downtime to minimize service impact and prevent recurrence.

Contributed to project management decisions by providing technical feedback on deployment strategies and automation scope.

Project Platform Tools:

Jenkins, Terraform, Ansible, Docker, Kubernetes, OpenVPN, Linux, Monitoring Tools New Relic, AWS cloud Infrastructure, Git, CI/CD pipelines, JIRA

C360 SOFTWARE – AWS DevOps Engineer | July 2021 – Feb 2022

Project Client – HITACHI (Rean Cloud Platform)

Responsibilities:

Worked as an AWS DevOps Engineer responsible for provisioning and managing cloud infrastructure for development, testing, and database teams. Automated deployments, backup operations, and high-availability configurations using various AWS and DevOps tools. Additionally contributed to a cloud-native project for Provisioned AWS services and resources using Terraform, including EC2, EBS, S3, VPC, Subnets, ELB, Security Groups, Auto Scaling, and Route Tables.

Created and maintained Jenkins CI/CD pipelines to automate infrastructure deployments, application releases, and repetitive operational tasks.
Managed EC2 Instances, ensured regular EBS volume backups and restoration processes, and stored Jenkins build artifacts and Docker images in AWS ECR and S3.
Configured Elastic Load Balancers (ELB) and Auto Scaling Groups to ensure high availability and load distribution for critical applications.
Supported developers and DBAs with tailored infrastructure environments to meet their planning and testing needs.

Project Platform Tools:

AWS (EC2, S3, EBS, ELB, ASG, VPC, Route Tables), Terraform, Jenkins, Docker, AWS ECR, Ansible, Packer, Git, Linux

SNEHA ENTERPRISES - DevOps Engineer | Sep 2020 – May 2021

Project Client – INFOWARE Solutions (Enterprise Web Application Support)

Responsibilities:

Worked as a Junior DevOps Engineer providing cloud-based infrastructure and build support to a globally distributed development and QA team. Played a key role in configuration, issue resolution, and deployment readiness of applications in test and pre-production environments.

Configured and managed cloud environments for application testing and release cycles, supporting QA and development teams. Provided Level 1 and Level 2 technical support, resolving deployment and environment issues, including log analysis and restart/redeploy operations.

Developed lightweight automation scripts using Shell and Ansible to speed up environment provisioning for test and UAT pipelines. Assisted in migrating infrastructure configurations from manual setups to version-controlled templates using Terraform basics for EC2, S3, and VPC modules.

Project Platform Tools:

AWS (EC2, S3, VPC), Jenkins, Git, Shell Scripting, Ansible, CloudWatch, Linux, Basic Terraform Modules, Nexus and Jfrog Artifactory

DIGITAL LYNC – Internship AWS & DevOps Engineer | JAN 2020 – June 2020

Project – Internal Lab (Java Web Application Deployment & CI/CD Learning)

Responsibilities:

As an intern, I contributed to automation and deployment tasks in a lab-based learning environment, focusing on building foundational DevOps and AWS cloud skills through real-time simulation projects.

Set up and maintained CI/CD pipelines using Jenkins, enabling automated builds, testing, and deployments in a learning environment.

Containerized Java web projects using Docker, building custom images and deploying containers for functional testing. Explored infrastructure management with AWS services such as EC2, S3, and IAM, focusing on deployment and basic security configurations. Learned and applied best practices for code integration and versioning, helping ensure stable testing of continuous code updates.

Project Platform Tools:

AWS (EC2, S3, IAM), Jenkins, Git, Docker, Linux, Shell Scripting, Basic HTML/CSS for Web UI, GitHub, Java (WAR file deployment)

EDUCATION

B. TECH | Electrical and Electronics Engineering with Aggregate of - 65 %. | Pass out year 2019

PERSONAL INFO

Nationality: Indian | Locality: Kakinada, Andhra Pradesh | Languages: English, Hindi, Telugu.