

Rajesh Davuluri

DevOps Engineer

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SUMMARY

To secure a challenging position in a reputable organization to utilize my DevOps and AWS skills for the growth of the organization as well as to enhance my knowledge about the new and emerging trends in DevOps and AWS sector. Describing myself as a professional AWS and DevOps Engineer with 5.7 years of experience finding solutions using AWS and DevOps processes such as Docker, Kubernetes, Jenkins etc.

PROFESSIONAL EXPERIENCE

Organization 3

Cognizant Technology Solutions

Project 2: Cigna – DHL Modernization

DevOps Engineer, Mar 2025 – Present

The Cigna Group is an American multinational for-profit managed healthcare and insurance company based in Bloomfield, Connecticut.

- Developed and maintained Infrastructure as Code (IaC) using Terraform to provision and manage AWS services such as VPC, EC2, Lambda, Glue Jobs, S3, DynamoDB, API Gateway, Event Bridge rules and CloudWatch Alarms across multiple environments.
- Integrated Terraform with Jenkins Pipelines to automate infrastructure deployments across multiple AWS accounts and regions.
- Managed remote state using AWS S3 with state locking via DynamoDB to ensure consistent infrastructure deployments.
- Implemented monitoring solutions using CloudWatch Alarms for key metrics like CPU utilization, StatusCheckFailed, 4xxErrors, 5xxErrors etc.
- Provisioned Lambda Authorizer functions to secure API Gateway endpoints, enabling token-based access control for REST APIs.
- Led production infrastructure releases, coordinated with stakeholders for approvals, and performed pre/post-deployment validations.

Project 1: American Insurance Group

DevOps Engineer, Nov 2023 – Mar 2025

American International Group, Inc, (AIG), is a global insurance organization providing a range of insurance and other financial services.

- Built and modified CI/CD pipelines in Jenkins to deploy .NET microservices to EKS namespaces using Helm.
- Created and maintained Kubernetes manifests (Deployments, Services, Ingress, ConfigMaps) using YAML.
- Defined CPU/memory requests and limits to optimize EKS resource utilization and cost.
- Set up centralized logging with CloudWatch to capture container logs and Kubernetes events.

- Diagnosing issues with pods, nodes, or services by inspecting logs, events and pod statuses.
- Resolved infrastructure and application incidents related to misconfiguration, resource failure, and deployment errors.
- Maintained Kubernetes and worker node upgrades for version consistency.
- Involved in setting up DR (Disaster Recovery) and testing environments for EKS cluster.
- Led production deployments of microservices and ensured rapid troubleshooting during releases.
- Modified Dockerfiles to remediate security vulnerabilities like External resource used- possible supply chain attack etc.
- Worked with tools like Dynatrace (monitoring), RabbitMQ (messaging), Veracode (SAST), Legit (policy enforcement), and JFrog Artifactory (artifact management).

Organization 2

Tata Consultancy Services

Project: British American Tobacco

DevOps Engineer, June 2022 – Nov 2023

British American Tobacco is a British multinational company that manufactures and sells cigarettes, tobacco and other nicotine products. The company, established in 1902, is headquartered in London, England. As of 2019, it is the largest tobacco company in the world based on net sales.

- Hands on experience working with AWS services such as EC2, VPC, S3, ELB, CloudWatch, EBS, Route 53, IAM, CloudFormation, CloudTrail, Lambda etc.
- Automated EC2 patching (Linux/Windows) using SSM maintenance windows with tag or group-based targeting.
- Migrated production S3 buckets between AWS accounts.
- Set up VPCs with subnets, IGWs, NAT gateways, Bastion Hosts, and VPC peering.
- Remediated AWS Security Hub findings (IMDSv2 enforcement, public IP restrictions, secure ASG configs).
- Whitelisted IP addresses for the production load balancers to allow http access to the website.
- Installed and managed SSM and CloudWatch agents on EC2 servers.
- Involved in EC2 windows servers upgrade from 2012 to 2019.
- Troubleshoot RDP access issues for production servers.
- Created CloudWatch alarms (disk usage, CPU, ALB unhealthy count, EBS queue length).
- Provided L2 support via SNOW and Jira (disk cleanup, password resets, high CPU, AV installs/removals).
- Decommissioned EC2 instances post-AMI and EBS snapshot backups.
- Configured ENIs for secondary private IPs on EC2 instances.
- Hands on experience in provisioning infrastructure using CloudFormation templates.
- Created and attached IAM roles (e.g., SSM, CloudWatch access) to EC2 instances.
- Troubleshoot instances not showing in SSM Fleet Manager.
- Built Jenkins pipelines for deployments and patch automation.
- Used Docker and Kubernetes for containerization and orchestration.
- Basic experience with databases like SQL and MySQL.
- Performed root cause analysis and resolved production issues.
- Worked with GitHub and Bitbucket for version control, branching, and merging.

Organization 1

HCL Technologies Ltd

Project: Avaloq Offering X

DevOps Engineer, November 2019 – June 2022

Avaloq Offering X (AOX) is an internal tool that holds information about Avaloq's offerings, more specifically the current sellable items.

- Worked as an AWS/OpenShift/DevOps engineer for an Avaloq internal product known as Avaloq-Offering-X.
 - Deploying product updates in new environments like staging, testing, and production for the applications hosted on OpenShift and AWS.
 - Hands on experience in creating Jenkins CI/CD pipelines.
 - Hands on exposure to containerization with Docker and orchestration with Kubernetes/OpenShift.
 - Deployed container images to multiple OpenShift environments and managed app lifecycle via Kubernetes.
 - Built and maintained CI/CD pipelines using Jenkins, including automated triggers from Bitbucket for Cypress test case execution.
 - Created and scheduled Kubernetes Cronjobs to back up PostgreSQL databases from pods.
 - Integrated the product with tools like Countly (analytics) and SonarQube (code quality).
 - Performed version control tasks including branching, merging, and release tagging using GitHub and Bitbucket.
 - Created custom Gradle build files to compile and trigger Cypress test cases as part of build tasks.
 - Wrote automated test cases using React Testing Library and Cypress for front-end validation.
 - Experienced in managing and restoring PostgreSQL backups using pgAdmin.
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CERTIFICATIONS

- **Certified Kubernetes Administrator (CKA)**
- **AWS Certified Solutions Architect Associate (SAA-03)**

TECHNICAL SKILLS

DevOps: Git, Docker, Kubernetes, Jenkins, OpenShift, Helm, Linux, Gradle, Ansible, Bash Scripting, Cypress

Cloud: Amazon Web Services, Terraform

Programming: C, Core Java, C#, .NET, Angular

EDUCATIONAL DETAILS

Bapatla Engineering College, Bapatla

Bachelor of Technology in ECE, 2019

Percentage: 84

Vignana Barathi Junior College, Chirala

Intermediate in MPC, 2015

Percentage: 98.2

Sree Nalanda Public School, Eluru

SSC, 2013

CGPA: 9.7