

VIJAY MOURYA

DevOps Engineer

Skilled in AWS and DevOps, worked on creating CI-CD pipelines, resolving errors for Jenkins jobs and builds, and Creating AWS resources with Terraform and Jenkins. Familiar with configuring CI-CD pipeline using Docker and Jenkins with declarative and scripted groovy approach, having good knowledge of python programming and Linux scripting with creating AWS lambda, Jenkins jobs and automations scripts. Handling the responsibilities of On-call to mitigate the impacts of any issue before it becomes a customer-impacting issue or disrupts the system productivity and working on continuous monitoring and process improvement with automation and tool development. Collaborating with international teams discussing business issues, creating change documents, maintaining the service detail documentation and SOPs for handling recurring issues and creating tools for ticketing/tracking processes.

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Nagpur, India

📅 29 January, 1998

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WORK EXPERIENCE

DevOps Engineer

Amazon India

04/2022 - Present, Hyderabad

Skills: Continuous Monitoring, Python, AWS, Git, AWS Lambda, Process Documentation, Boto3 and CDK
Responsibilities:

- Worked on backend for internal tool, creating AWS API gateway and AWS Lambda which will be invoked by API and query data from DDB and invoke API in another AWS account which will get data from S3 and return back to lambda and will generate a report with it, configured using AWS CDK and Boto3
- Worked on developing AWS Lambda to be triggered by S3 bucket event to create an EC2 instance, which will pull the JSON file from S3(15GB+ size) process the data and put it in DDB and send SNS notification which will stop the EC2 instance, configured using AWS CDK and Boto3
- On-Call: Handling any issue that occurred with high severity and might have a high impact on productivity needs to be taken care of immediately as a part of on-call responsibilities have worked on mitigating the issues to avoid any customer impact and find root cause of the issue
- Documenting the issues occurred how to avoid those issues in future and SOPs to solve the common issues.
- Solving system security issues example - IAM key rotations, KMS key rotation, Certificate rotation and updating hosts, patching the system etc.

AWS DevOps Engineer

Tata Consultancy Services

07/2019 - 03/2022, Nagpur

Skills: Python, Amazon Web Services (AWS), Terraform, Git, Jenkins, Docker, Shell Scripting
Responsibilities:

- Worked on cloud migration Task to provision windows EC2 instance install and maintain software using shell script as EC2 userdata. Automate the disaster recovery plan creating AMI of instance and recovery using Jenkins and terraform
- Worked on implementing hybrid infrastructure with EC2 instance and RDS will operate in cloud and communicate with on premises servers to share file with NAS, creation of infrastructure and monitoring using cloudwatch integration, SNS and lambda handled by me with creating IaC in terraform and planning for disaster recovery for instance and DB automating deployment with jenkins
- Worked on various terraform-AWS based resource provisioning tasks and familiar with remote state-file backend module and CSV based approach with terraform to manage infrastructure and using vault for storing retrieving secrets and packer for EC2 AMI and Docker Image creation
- Creating/managing CI-CD pipeline (Jenkins) and troubleshooting the builds. Creating the Jenkins job for different MFE and Microservices configuring Mule-soft policies for APIs, familiar with Jenkins shared library and multibranch pipeline for microservice based architecture

CERTIFICATION

AWS Certified Solutions Architect - [SAA-C02]

August-2022 to August-2025

Certificate ID: XSBTNBF2SJF41FWC

SKILLS

AWS	Python	Git
Terraform	AWS-CDK & Boto3	
Docker	Packer	Vault
Shell-Scripting		Documentation
Jenkins	Kubernetes	

SOFTWAREs USED

Jenkins	Putty WinSCP	
VScode	AWS Console	Linux
BitBucket GitHub		Pycharm
JupyterNotebook		IntelliJ IDEA
Minikube/Kubeadm		Docker
Powershell		

LANGUAGES

ENGLISH: PROFESSIONAL WORKING PROFICIENCY

HINDI: NATIVE OR BILINGUAL PROFICIENCY

- Created Jenkins job to add AWS S3 based lambda triggers, run AWS CLI commands, storing SSM Parameter Stores in AWS etc. task included - writing declarative Jenkins script, JSON to add triggers and shell script or AWS CLI commands to perform tasks in AWS infrastructure
- Attend meeting with the client providing project updates, reports, educating client-side engineers on configured infrastructure, monitors and alarms. steps to take as initial-step in case of disaster happens etc.
- Provision AWS resources like EC2, S3, CloudWatch alarms, Lambda, SNS etc. using terraform. Managing AWS loggroup logs and integrating it to AWS ElasticSearch, Kibana and managing Kibana Dashboard
- Creating shell scripts, familiar with YAML and declarative groovy for creating Jenkins pipeline and docker compose and familiar with Liquibase and jenkins based DB pipeline for CI
- Microservice architecture was provisioned using AWS EKS, Sonarqube and NexusIQ, so familiar with the Kubernetes and nexus troubleshooting.

EDUCATION

Bachelors of Engineering

G.H.Raisoni Collage of Engineering

2016-2019, Nagpur, Maharashtra

CGPA - 8.7

Diploma

Government Polytechnic collage

2013-2016, Nagpur, Maharashtra

Percentage - 81%

TRAINING & CERTIFICATIONS

- **AWS Certified Solutions Architect - Associate SSA-C02 (Amazon Web Services):**

Certificate ID: XSBTNBF2SJF41FWC

Experienced in AWS infrastructure provisioning, networking, administration and infrastructure logging.



- **AWS Machine Learning Foundations (Udacity):**

Machine learning Foundations course by AWS and Udacity, learned the basics of AWS SageMaker, DeepRacer and DeepComposer, basics of Python OOPs for Data Processing and statistics.

- **GCP Qwiklabs for Associate Cloud Engineer (Qwiklabs):**

Familiar with GCP cloud basics and console with basic training of the cloud.

PERSONAL PROJECTS

Repository: https://github.com/vijaymourya/My_Projects :

Multiple small projects based on AWS, Terraform, Python, Git etc. creating and deleting resource to do different tasks.

- To create GitHub repository using Terraform Providers and git token.
- To created EC2 instance in each availability zone, creating windows instance, create spot instance requests in the particular region with Terraform
- To send an email to the subscriber (SNS Topic) whenever an EC2 instance is created and deleted (any state change) based on configuration with Terraform
- To send CloudWatch log-group logs to configured Elasticsearch using AWS lambda with Terraform and python
- Static web hosting using s3 bucket and route53 with Terraform
- Creating s3 bucket, enabling logging versioning, bucket policy and event notification for it with Terraform
- Configuring S3 remote backend, HCL cloud backend for shared state-file for terraform IaC repos