

MANJEETSINH ALONJA

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SUMMARY

I am a professional DevOps engineer with 4.5 years of experience, having worked across various service and product-based industries, where I have continuously enhanced my personal and professional skills. I have successfully implemented and administered diverse systems, gaining expertise in DevOps practices and collaborative software development environments, which I believe is well-reflected in my work.

EXPERIENCE

December 2021 - March 2023

DevOps Engineer | LambdaTest | Noida, India

- Enabled Zero Downtime Deployments on Bare Metal Servers using Python and Ansible
- Reduced development time by 75%
- Achieved End-To-End Custom Automation for MacOS and Ubuntu Machines, Android, and iOS Device enrolment using Ansible and Python
- Implemented End-to-End Automation for Terraform Operations
- Developed Comprehensive CI/CD Pipelines for Golang, Python, and Node JS
- Optimised infrastructure costs by \$10,000 per month, resulting in annual savings of \$120,000
- Oversaw Operations of Multi-Region Applications
- Automated Apple device certifications using Hashicorp Vault and Jenkins secured the Apple Account credentials and access
- Automated virtual machines and mobile devices setup on bare metal servers using MDM

April 2021 - December 2021

DevOps Engineer | EkZero | Vadodara, India

- Architecture central monitoring and logging using Elasticsearch, Logstash and Kibana (ELK)
- Migrated apps to IaC (Terraform) with automated deployments
- Modernised apps for scalability and high availability using Kubernetes/ECS
- Improved infrastructure agility and efficiency with AWS and containerisation (Kubernetes)
- Increased developer security with SSO for DevOps tools using Keycloak
- Led DevOps team to achieve reliability and scalability in the development team as well as infrastructures

July 2019 - March 2021

DevOps Engineer | OpenXcell | Ahemdabad, India

- Managed 12 Service-Based Projects as a DevOps Engineer
- Worked on On-Premise SEO Product for 25,000 Active Users
- Implemented Centralised Monitoring and Logging using Nagios and Icinga
- Reduced Infrastructure Costs by 80% with Serverless Architecture
- Improved response time by 75%, resulting in a faster user experience
- Protected Against DDoS Attacks with 1 Million Requests Per Minute
- Developed Python-based Bacteria Detection Backend with ML Techniques
- Reduced application release time by 66%
- Architecture and implemented logging and monitoring for a customer on Datadog
- Implemented APM to optimise application APIs using Elastic Stack

EDUCATION

August 2015 - March 2019

Bachelor of Engineering in Information and Technology (Software Engineering) | Gujarat Technical University | India

September 2023 - present

Post Graduate in DevOps In Cloud Computing | Lambton College | Toronto, Canada

SKILL

Cloud Services and Infrastructure: AWS, Azure, VMWare, Hypervisor

Containerisation and Orchestration: Kubernetes, Docker

CI/CD and Automation: Jenkins, GitHub Actions/Workflows

Configuration Management and Secret Management: HashiCorp Vault, Ansible, Terraform, Terragrunt

Authentication: Keycloak, Oauth, SAML

System Administration and Platform Engineering: Platform Engineering, Windows, Linux

Version Control and Collaboration: Git, GitHub, GitLab, Bitbucket

Monitoring, Logging, and Visualisation: Datadog, Sumologic, Prometheus, Grafana, ELK Stack (ElasticSearch, Logstash, Kibana)

Web: Nginx, Apache, IIS

Database Technologies: MySQL, MongoDB, DynamoDB, Redis

Other Skills: Solution Architecture, Cloud Native Architecture, Jira, Agile, REST and SOAP APIS

Programming Language and build tools: Java, Python, Javascript, NodeJs, Golang, Gradle, NPM, PIP

Soft Skills: Communications, Leadership, Time Management, Task Prioritisation, Time Boxing

CERTIFICATION

- AWS Solution Architect Associate (SAA)
- Certified Kubernetes Administrator (CKA)
- Azure Administrator (AZ-104)
- Terraform Associate

PROJECT

Localstack: Designed methods to enhance Serverless and Terraform integration, improving the development experience for AWS simulations, Implemented S3, Lambda and many other services APIs and provided support to the users (Link).

Moto: Contributed to fix various APIs simulating AWS services, a core component of Localstack (Link).

OpenVPN Web UI Extension: Extended an OpenVPN GUI open-source project by implementing revocation functionality (Link).

Event-Driven System with Redis Stream & Flask APIs: Developed a term project utilising Redis Stream and Flask APIs. The system enables publishers and consumers to interact and process events (Link).

Big Data Power Consumption Regression Model: Constructed a machine learning model predicting power consumption across 3 zones in Tetuan City using XGBRegression and Flask for user interaction (Link).

Terraform PR Commenter Github Action: Enhanced directory-based scanning within a Terraform CI/CD pipeline for an open-source project (Link).