MANJEETSINH ALONJA

North York, Toronto, Ontario, Canada

+15483980363 | alonjamohit77@gmail.com | Site: https://monty16597.github.io/
LinkedIn: https://linkedin.com/in/manjeetsinh-alonja
Github: https://github.com/monty16597

PROFESSIONAL SUMMARY

Almost 4 years of DevOps experience driving innovation in established industries and startups. Skilled in architecting & automating deployments across cloud platforms & containerization technologies. Proven ability to modernize applications through effective DevOps practices. Passionate about open-source contribution and custom solution development to solve complex problems.

EXPERIENCE

DevOps Engineer
Lambdatest, India (December 2021- March 2023)
- Enabled Zero Downtime Deployment on Bare Metal Servers using Python
- Facilitated Apple Account and iOS Device Registration using Ansible
- Automated On-Premises Bare Metal Machine Enrollment using Ansible
- Reduced development time by 75%
- Achieved End-To-End Custom Automation for Mac and Ubuntu Machines, Android, and iOS Device enrollment using Ansible and Python
- Implemented End-to-End Automation for Terraform Operations
- Developed Comprehensive CI/CD Pipelines for Golang, Python, and Node JS
- Optimized infrastructure costs by $10,000 per month, resulting in annual savings of $120,000
- Oversaw Operations of 7 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

DevOps Engineer
EkZero, India (April 2021- December 2021)
- Set up central logging and monitoring for all applications
- Migrated apps to IaC (Terraform) with automated deployments
- Modernized apps for scalability and high availability using Kubernetes/ECS
- Improved infrastructure agility and efficiency with AWS and containerization (Kubernetes)
- Increased developer security with SSO for DevOps tools using Keycloak

DevOps Engineer
OpenXcell, India (July 2019 - March 2021)
- Managed 12 Service-Based Projects as a DevOps Engineer

- Worked on On-Premise SEO Product for 25,000 Active Users
- Implemented Centralized 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 optimize application APIs using Elastic Stack

EDUCATION

Post Graduation, DevOps for Cloud Computing (September 2023 - present)
Lambton College, Toronto, Canada

Bachelor Of Engineering, Information and Technology (August 2015 - June 2019)
Gujarat Technical University, Gujarat, India

SKILLS
- **Cloud Services and Infrastructure:** AWS, Terraform, Terragrunt, VMWare, Hypervisor
- **Containerization and Orchestration:** Kubernetes, Docker
- **CI/CD and Automation:** Jenkins, GitHub Actions/Workflows
- **Configuration Management and Secret Management:** HashiCorp Vault, Ansible
- **Authentication:** Keycloak Oauth
- **System Administration and Platform Engineering:** Platform Engineering, Windows, Linux
- **Version Control and Collaboration:** Git, GitHub, GitLab, Bitbucket
- **Monitoring, Logging, and Visualization:** Datadog, Sumologic, Prometheus, Grafana, ELK Stack (ElasticSearch, Logstash, Kibana)
- **Web:** Nginx, Apache, IIS
- **Database Technologies:** MySQL, MongoDB, DynamoDB, Redis

CERTIFICATIONS
- AWS Solution Architect – Associate
- Certified Kubernetes Administrator (CKA)

PROJECTS
- **Localstack:** Contributed to Localstack by developing and fixing services to mimic actual AWS functionalities, improving Terraform and Serverless framework integration. ([Link](#))
- **Moto**: Contributed to moto 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 utilizing 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](#))
- **Python complete CI/CD Template with simulated AWS environment:** Built a Python template showcasing Localstack for unit testing in simulated AWS environments, promoting cost-effective DevOps practices. ([Link](#))
- **Terraform PR Commenter Github Action:** Enhanced directory-based scanning within a Terraform CI/CD pipeline for an open-source project. ([Link](#))