

Malayaja Vs

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Summary

- Skilled professional with around 3 + years of experience in CI/CD (Continuous Integration / Continuous Deployment) process, Strong background in Linux/Unix Administration, Build and Release Management and Cloud Implementation all within that suites the needs of an environment under DevOps Culture.
- Managed Amazon Web Services like EC2, S3 bucket, RDS, EBS, ELB, Auto - Scaling, AMI, IAM through AWS Console and API Integration with Puppet Code. Responsible for creating multi-region, multi-zone AWS cloud infrastructure.
- Expertise in writing Bash Scripts, Python programming for deployment of Java applications on bare servers or Middleware tools.
- Strong knowledge on source controller concepts like Branches, Merges and Tags.
- Expertise in using build tools like MAVEN and ANT for the building of deployable artifacts such as war & jar from source code.
- Good working experience with databases like SQL and involved in creating stored procedures, functions, triggers and complex queries.
- Experience in working on Docker container snapshots, attaching to a running container, removing images, Managing director structures and Docker containers.
- Implemented Infrastructure automation through Ansible for auto - provisioning, code deployments, software installation and configuration updates.

Skills

- **Operating Systems:** Linux (Red Hat, Fedora, SUSE, Debian, Ubuntu, CentOS), Unix (Solaris 10), RHEL 7, AIX 6.1, Windows, VMware.
- **Cloud Platforms:** AWS, Microsoft Azure, OpenStack, Google Cloud Platform (GCP).
- **DevOps and CI/CD Tools:** Jira, Confluence, Lucid Chart, Maven, Gradle, Ant, SonarQube, Jenkins, GitLab CI/CD, CircleCI, Bamboo, Docker, Kubernetes, Terraform, Chef, Puppet, Ansible , Vagrant, Splunk, AWS Ops Works, Prometheus, Grafana, ELK Stack, GitHub, Bitbucket.
- **Databases:** MySQL, SQL Server, Oracle, PostgreSQL, MongoDB, DynamoDB.
- **Application and Web Servers:** Oracle WebLogic, IBM WebSphere, JBoss, Apache Tomcat, Nginx.
- **Networking:** TCP/IP, NFS, DNS, DHCP, Cisco and Dell Switches, Load Balancers, VPN, Firewalls.
- **Configuration Management:** Chef, Puppet, Ansible, Jenkins, Terraform.
- **Automation and Monitoring:** AWS CloudWatch, AWS CloudTrail, Nagios, Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana).
- **Version Control:** Git, GitLab, GitHub, Bitbucket, Subversion (SVN), ClearCase.
- **Scripting Languages:** Python, Java, Bash, Shell, Ruby, PHP, HTML, PowerShell, Perl, JSON.
- **Build Tools:** ANT, Maven, Jenkins, Gradle, Bazel.

Professional Experience

Goldman Sachs Global DevOps Engineer

June 2023 - Current

- Managed and optimized AWS infrastructure, including EC2, S3, and DynamoDB, ensuring high availability and scalability.
- Developed and automated CI/CD pipelines using Jenkins, integrating build and deployment processes for Java-based applications.
- Utilized Ansible for automating the configuration, deployment, and orchestration of applications across AWS environments.
- Deployed and managed Docker containers to support microservices architecture, ensuring consistent and efficient deployments.
- Designed and optimized complex SQL queries in PostgreSQL and tuned performance for Oracle DB environments.
- Tested and validated web services using SOAP UI, Postman, and Spring Test MVC, ensuring robust and secure integrations.
- Developed Bash and Python scripts to automate routine tasks and deployment processes, reducing manual intervention.

- Orchestrated multi-cloud infrastructure deployment with Terraform, automating the provisioning and management of resources across AWS and Azure environments, ensuring consistency and reducing configuration drift.

Environment:

AWS (EC2, S3, DynamoDB), Linux, Jira, GitHub, Confluence, Jenkins, SonarQube, Docker, Kubernetes, Ansible, Terraform, PostgreSQL, Oracle DB, SOAP UI, Postman, Spring Test MVC, Prometheus, Grafana, Bash, Python, Java.

**Sundaram Finance
DevOps Engineer****May 2019 - Nov 2021**

- Configured EC2 instances with different Ami(Amazon machine Images) and different types of instances suitable for different criteria.
- Implemented cloud operations on AWS using Docker and Kubernetes, enhancing service delivery and infrastructure efficiency.
- Automated infrastructure provisioning and configuration using Chef, Puppet, reducing deployment times and ensuring consistency.
- Developed and maintained Jenkins CI/CD pipelines for automated testing, build, and deployment processes across multiple environments.
- Installed and configured Kubernetes and integrated with Jenkins. Installed and configured Kubernetes to create Docker cluster.
- Used JIRA as a Ticketing tool and configured Elasticsearch, Logstash and Kibana (ELK) for log analytics, full text search, application monitoring in integration with AWS lambda and CloudWatch.
- Worked on integrating GIT into the continuous Integration environment along with Jenkins.

Environment:

AWS (EC2, AMI, CloudWatch, Lambda, CloudFormation), Jira, Git, Jenkins, SonarQube, Docker, Kubernetes, Puppet, Chef, Elasticsearch, Logstash, Kibana (ELK Stack), Linux, Bash, Python.

Education

- **Masters in Applied Computer Science**
Northwest Missouri State University
- **Bachelors in Electronics and Communication Engineering**
Sathyabama Institute of Science and Technology

Certification

- **Amazon Web Services Cloud Practitioner Certified**
- **Amazon Web Services Associate Developer Certified**

Project

- **Face Detection and Recognition Using Machine Learning Algorithms**
GitHub URL: <https://github.com/SaiMalayajaVarada/GRAD-DIRECT-PROJECT-I-02-GROUP-5>
- **Gym Management Application**
GitHub URL: <https://github.com/Archanaredy/GymManagementApp>