SUJITH RAVIPATI

CONTACT

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SKILLS

- Git, Gitlab, Bitbucket
- Jenkins CI-CD
- AWS
- AZURE
- Ansible
- Docker
- Kubernetes, EKS
- Terraform
- Windows/Linux
- Python, Shell scripting
- Jira

CERTIFICATIONS

- AWS cloud practitioner
- AWS Certified Solutions Architect-Associate
- Red Hat Certified System Administrator (RHCSA)

LANGUAGES

English, Hindi, Telugu: First Language

WORKED CLIENTS

- **CBA** (**Common wealth Bank**)
- **NAB** (**National Australia Bank)**
- **McDonald's**
- **PayPal**
- **Cox Communications**

EDUCATION

B.Tech Computer science and engineering(CSE)
JNTU, Hyderabad

To build a long-term career in Information Technology Sector with opportunities for career growth. Having 4.5 yrs of experience in DevOps, AWS which includes Container Platforms Kubernetes, Docker, Build/Release Management, Continuous Integration and Continuous Delivery using different tools and Cloud System Configuration Management,
& Had 2 yrs of experience in Informatica Administration.

EXPERIENCE

April 2022 - Current
DevOps Engineer *Tata Consultancy Services*, Hyderbad

- Experience in Linux, AWS, Docker, Ansible, Terraform & Jenkins.
- Design and implement GitHub Enterprise repository adoption with branching strategy, access controls, and governance for the company to maintain applications integrity.
- Create and configure quality gating by implementing code coverage, automated testing, security and quality gates, automated rollback as part of the CI/CD pipeline using Jenkins pipeline SonarQube, Veracode and Selenium.
- Perform Release Management, configuration, and maintenance support by using DevOps tools and technologies i.e Jenkins ,GIT, Bitbucket, Teamcity, Docker, Kubernetes, Terraform for standard project and software package build, deployments, testing and engineering.
- Design and implement sophisticated CI/CD pipelines that encompass infrastructure, applications, and databases deployment to deliver a product in Jenkins using declarative pipeline as code standards following Agile Development practices.
- Automated the build process using Jenkins, establishing a streamlined CI/CD pipeline for continuous build and deployment.
- Integrated SonarQube for static code analysis into Jenkins for automatic testing and quality checks, ensuring code quality and adherence to best practices.
- Automate building of application code using Build Pipeline in Jenkins to produce high-quality, reproducible builds and facilitates the integration of testing, deployment, and reporting for faster development cycles and better software quality..
- Created Docker files, built and pushed images to the Docker private registry , and containerized applications using Docker.
- Work on extracting Docker files from Docker images in Docker hub, and storing in GIT repository through Jenkins pipeline.
- Experience into setup & manage EKS based infrastructure.
- Configured and optimized EKS(Kubernetes) clusters for multiple environments, ensuring optimal resource utilization and performance.
- Experience Creating and Managing Pods, Deployment, Services, DaemonSet , Job, CronJob Using Kubernetes Manifest files.
- Utilized Kubernetes cluster to orchestrate the deployment using Helm charts scaling and management of Docker containers, enhancing application availability and scalability.

- Experience in AWS Network Service: VPC, Subnets, Router, Transit Gateway, VPN, VPC Endpoint.
- Experience in AWS Service: S3, EFS, EBS, RDS, SQS, SNS, DynamoDB, LB, Autoscaling etc.
- Experience with AWS observability Service: CloudWatch Alarms, CloudWatch Logs, Cloud Trail, VPC Flow Logs, EKS Enhance Monitoring.
- Design and setup monitoring, logging, and alerting using AWS cloud watch monitor and application insights.
- Implementing IAC that allowed to build, change and version infrastructure.
- Responsible for fault-tolerance, high-availability, scalability, and security on AWS Infrastructure and Platform.
- Config review for infrastructure for audit purpose.
- Track issues, document tasks performed and for version control activities using Agile tools such as Jira, Confluence and Bit bucket.
- Worked on flexible hours for production, backup and on-call support 24/7 environments.

May 2021 - April 2022
DevOps Consultant *Capgemini*, Hyderabad, India
- Experience with cloud infrastructure of AWS (Amazon webservices) and computing AMI virtual machines on elastic compute cloud(EC2)
- Experience in automating ,building ,deploying ,and releasing of code from one environment to other environment like Dev, QA, and Staging. Integrating Git, SonarQube, Jfrog Artifactory with Jenkins.
- Experience in Continuous Integration (CI) setup. Installed Jenkins, created build jobs, set up distributed builds using Jenkins master/slave concepts ,plug-in installation backup using Jenkins.
- Installed and Configured SonarQube for static code analysis for checking out code Quality, code coverage and integrated with CI process.
- Experience in automating build and deployment workflows using GIT, JENKINS,MAVEN,DOCKER and ANSIBLE, SONARQUBE, JFROG ARTIFACTORY.
- Experience on creating GIT Branches,Tags and merging the sourcecode between different branches.
- Performing build activities by using Maven, created and modified build configuration files including POM.XML. Dependencies and automation.
- Experience on launching the deployments and services using kubernetes with the help of Docker images.
- Good Experience in AWS Cloud Services Such as EC2, EBS, IAM,AMI, VPC, RDS, S3, for Managing Multi-tier environments.
- Working experience with aws services such as VPC, EC2, ELB, Autoscaling, EBS, S3, IAM, Route53,cloudwatch.
- Creating s3 Bucket and adding lifecycle policy for the buckets, Enabling Versioning for protecting buckets from automatic termination.
- I embraced Infrastructure as Code principles, defining cloud resources using a declarative language(Terraform). this facilitated in version control, collaboration and reproducibility of deployments, ensuring consistency and scalability.
- Created Python scripts to automate the could infra
- Experience in using Bug tracking tools like JIRA.

August 2018 - September 2020
Build and Release Engineer *Genpact*, Hyderabad, India
- Maintaining the sourcecode in GIT for various applications.
- Checking bugs on the build/deploy platforms and worked closely with developers to understand their build requirements.

- Responsible for releasing multiple live apps in UAT and production environments on a weekly basis as per release schedule.
- Managing sourcecode branches for multiple repositories.
- Responsible for creating different Branches and resolving Merge conflicts.
- Created Branches and performed Merges in Git.
- Responsible for pushing builds into QA/UAT/Pre-Production and resolving build issues.
- Integrated Git into Jenkins to automate the code check-out process.
- Support daily builds and product releases on Linux platform.
- Involved in Scrum, Retrospective and Team meetings.

July 2016 - July 2018
Informatica Administrator *Genpact*, Hyderabad, India
- Experience in upgrading Informatica from version 8.6 to 9.1 and 9.5 to 9.6
- Setup and configure Power Center DOMAIN, NODE and Services in both UNIX and Windows Environments.
- Experienced in LDAP Integration with Informatica.
- Experienced in configuring web services with Informatica using SSL.
- Expertise in migration of Informatica PC from one version to other version, code development & deployment and user access management.
- Have experience in Creating Services and configurations; Like Repository, Integration, Model Repository, Data Integration Service, Data Analyst service and Web services HUB.
- Informatica user security activities like OS-Profile, LDAP integration in Informatica servers, Users and Group creations.
- Hotfix Implementation like installing HF patches or rolling back the patches.
- Support infrastructure planned maintenance and outages with DBA, Network and OS teams.
- Monitoring the loads (workflows) whether the loads are scheduled to respective timings.
- Tracing long running sessions with help of Core dump files. Manage mail alerts in case of any Node or master gateway election process.
- Deployment of releases to QA,UAT & prod environments and also be responsible for coordinating with third party teams for releases to Production & Assembly environments