

Rajesh Gaddagunta

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Career Objective

"To achieve optimum results by utilizing knowledge and experience in the growth and development of the company, aimed towards the ultimate success of the organization, which turns in my technical enrichment. Work with group to develop my Technical and Managerial Skills."

Career Summary

5+ years of experience in DevOps practices, I bring expertise in implementing CI/CD pipelines, managing AWS environments, and handling end-to-end aspects of the Software Development Lifecycle, including analysis, design, development, debugging, testing, implementation, process automation, and maintenance.

- Experience in working with AWS services, EC2 instances, ELB, Auto Scaling, Route53, S3, Glacier, VPC, IAM, and Management tools like cloud watch.
- Worked with IAM service creating new IAM users & groups, defining roles and policies and Identity providers.
- Extensively worked with Version Control Systems GIT
- Experience in configuring Jenkins to perform continuous integration (CI), Continuous Delivery (CD) for the application. Installing Plugins in Jenkins as per project requirements.
- Experience on containerization tool Docker writing Docker files for creating Docker images and Containers for different environments.
- Experience on software container orchestrations tool like Kubernetes and have hands on package manager HELM and able to write templates.
- Experience in working on Linux operating system & SHELL SCRIPTING.
- Expertise in using build tool like MAVEN for building of deployable Artifacts such as war and Jar from Source Code.
- Have experience on configuring Aws tools using Terraform
- Experience on monitoring tool likes PROMETHEUS, GRAFANA
- Closely worked with Developers and Analysts to address project requirements. Able to effectively manage time and prioritize multiple projects.

Education Details

- B.Tech in mechanical Engineering from lakireddy balireddy Institute of Technology & Management in 2019 with **79.5%**.
- 12th Standard from Sree Pratibha Junior College in 2015 with **95%**.
- 10th Standard from Santiniketan High School in 2013 with **94%**.

Technical Skills

Cloud	AWS(EC2, S3, EBS,IAM, EKS, VPC, Route53, Cloud Watch)
Code Quality	SonarQube
Infrastructure Tool	Terraform
Containerization Tool	Docker, Kubernetes
Scripting	SHELL
SCM Tool	GitHub
Operating Systems	Linux, Windows
Devops tools	GIT, Jenkins, Ansible
Monitoring Tools	GRAFANA, PROMETHEUS

Relevant Project Experience 1

Title : CGI India Pvt Ltd. Bangalore
Role : Senior Software Engineer
Duration : 2022 Oct to Till Date

Project Description Roles and Responsibilities

- Orchestrated and enforced CI/CD pipelines using Jenkins, significantly improving software delivery time.
- Revitalized and nurtured CI/CD pipelines for projects, boosting development team productivity.
- Conducted automated code quality and security analysis using Sonarqube.
- Identified and resolved numerous high-risk vulnerabilities in the codebase, enhancing security posture.
- Engineered and governed infrastructure resources on AWS, implementing networking and security measures for resilient cloud environments.
- Experienced in creating and maintaining Helm charts to package and version applications, enabling efficient and consistent deployment across different environments.
- Exploited Kubernetes for agile container orchestration, unlocking high availability and optimizing resource utilization.
- Containerized applications using Docker, fine-tuning container images for efficient deployment across diverse environments.
- Crafted and deployed microservices-based applications, harnessing the potential of containerization and orchestration technologies.
- Exploited Terraform for infrastructure as code (IaC), provisioning and managing infrastructure resources for cloud platform.
- Collaborated closely with cross-functional teams to streamline development processes and amplify operational efficiency.
- Engaged in Agile development methodologies, contributing to sprint planning, daily stand-ups, and retrospectives.
- Fostered collaboration between development and operations teams, cultivating a culture of continuous improvement, which contributed to increased system stability and uptime.
- Spearheaded end-to-end automation of the CI/CD process, ensuring reliable and instant deployments for new microservices.
- Successfully reduced manual intervention through advanced automated systems, enhancing operational efficiency.
- Integrated state-of-the-art automation in software development processes, ensuring high-caliber software solutions.

- Collaborated with cross-functional teams and promoted collaborative tool integration for streamlined workflows.

Relevant Project Experience 2

Title: Cognizant Technology Solutions

Role: Associate

Duration: November 2022 – October 2020

Roles and Responsibilities

- Configured Git with Jenkins and schedule jobs using POLL SCM option
 - Installed and configured GIT and communicating with the repositories in GITHUB.
 - Collaborate with different teams to deploy application code into Dev, QA, and Staging. • Installing and updating the Jenkins plug-ins to achieve CI/CD.
 - Responsible for installing Jenkins master and slave nodes.
 - Created Jenkins CICD pipelines for continuous build & deployment and integrated Junit and SonarQube plugins in Jenkins for automated testing and for Code quality check.
 - Integrated SonarQube with Jenkins for continuous inspection of code quality and analysis with SonarQube scanner for Maven.
 - Managed Nexus repositories to download the artifacts (jar, war & ear) during the build
 - Wrote playbook manifests for deploying, configuring, and managing components.
 - Managing the working environments through configuration management tools ansible.
 - Working with developers and Testers to test the source code and applications through Jenkins plug-ins.
 - Installation of Apache, tomcat and troubleshooting web server issues.
 - Proficient in deployment of WAR and EAR files in profiles and clustered environments
 - Administration and maintenance of servers using Red Hat Linux/Cento's 6 and 7.
 - Installing and configuration of ansible server.
 - Implemented AWS solutions using EC2,S3,EBS,ELB, Route53, Auto scaling groups
 - Built servers using AWS, importing volumes, launching EC2, creating Security groups, Auto-scaling, Load balancers (ELBs) using Cloud formation templates & AMI's using Infrastructure as a Service (IaaS).
 - Designed, built, and deployed a multitude application utilizing almost all the AWS stack (Including EC2, S3), focusing on high-availability, fault tolerance, and auto-scaling.
- Configured ELB with different launch configurations using AMI and EC2 Auto scaling groups

Relevant Project Experience 3

Title: Cognizant Technology Solutions
Role: Program trainee analyst
Duration: November 2019 – October 2020

Project Description

Fund Accounting is a method of accounting and presentation whereby assets and liabilities are grouped according to the purpose for which they are to be used. The Invest One, offered by SunGard Investment Systems is an accounting system to reduce the manual effort in accounting for investment portfolios. This project is about interacting with systems like the NAV Calculation system, Order Management System, Client & Compliance Reporting System and other systems in order to perform the Middle and Back office operations of a Mutual Fund Organization.

Environment: COBOL, JCL, VSAM, Linux

Methodology: Agile

Roles and Responsibilities

- Received the basic application knowledge from various experts of the customer and started on working independent work items within a span of 2 months.
- Supported the Business analysts by providing them the knowledge of existing application.
- Analyze business requirements and involved in technical design, coding and testing of the product.
- Provide estimates and commitments for deliverables.
- Involved in various requirement gatherings with the clients.
- Peer reviews of deliverables to ensure Quality standards for the deliverable and defect free transition.
- Involved in final rollout and control phase activities.
- Enhanced multiple existing applications for better performance and process

Personal Details

- Date of Birth : 15th March 1998
- Gender: male
- Marital Status: Single
- Languages Known: English, Telugu and Hindi
- Nationality: Indian

Declaration

I hereby declare that the above mentioned information is true to the best of my knowledge and bear the responsibility of the correctness of the above mentioned particulars.

Rajesh gaddagunta

