

Rami Reddy kandula

DevOps Engineer



5 Years 0 Month



(+91) 8328672722



kkreddy95@gmail.com



Profile Summary

With over 5 +years of dedicated experience in the IT industry, I specialize in Software Configuration Management (SCM) with a strong focus on Build/Release Management and DevOps implementation. My expertise extends to working with Cloud technologies, particularly AWS. I am adept at streamlining processes and optimizing workflows to drive efficiency and productivity. My goal is to leverage my skills and experiences to contribute effectively to a forward-thinking organization in need of a versatile IT professional.



Key skills

- AWS
- Docker
- Kubernetes
- GIT
- GCP Cloud
- Monitoring Tools
- Shell Scripting
- Linux
- Gocd
- Grafana
- Rancher
- Dynatrace
- JIRA
- Servicenow
- Atlassian Bitbucket
- Azure DevOps
- Azure Devops Engineer



Personal Information

City **Hyderabad**

Country **INDIA**



Languages

- telugu
- english



Education

B.Tech/B.E., 2017

chaitanya engineering college

12th, 2013

Andhra Pradesh,
English

10th, 2011

Andhra Pradesh,
Telugu



Work Experience

Oct 2021 - Aug 2024

DevOps Engineer

Datamatics Global Services

- DevOps Engineer for a team that involved different development teams and multiple simultaneous software releases
- Developing and implementing software release management strategies for various applications according to the Agile Methodology
- As a DevOps Engineer Responsible for daily builds/deployments from integration environment thorough staging environment
- Configuring and maintaining the source code management repository BitBucket
- Created Ci/CD pipelines scripts by integrating BitBucket, Jenkins and



Social links

<https://www.linkedin.com/in/rami-reddy-kandula-6499ab87>

more..

- Administrating GoCD Ci/CD build engine for deploying, configuring, managing.
- configured Docker with IDFC private repository to pull its images through Docker proxy applications to Docker Hosted repository maintinig a backup of created docker images in IDFC private repository and deploying the containers in various environments using docker swam compose future to manage containers running on deployments serves
- Updating changes and deploying applications in deployment servers by pipelines and dashboards
- working with in the AWS cloud for configuring by a secure VPC by creating private and public subnets in AWS and AWS auto scaling policies to scale up / down Ec2 instances based on ELB health checks and created alarums to be used in auto scaling decision making policies
- Used of docker and Kuberneties to manage micro services for development of continuous integration and continuous delivery and container - based deployments using docker working with docker images, Docker hub and Docker registries , installation and configuring Kubernets and Clustering them
- working with AWS EKS for confugure the clusters, node groups and Autoscaling by using the autoscaling groups.
- **working with KEDAs (Kubernetes Event Driven Autoscaling) to scale up/down the Kubernetes resource such as Pods and Nodes based on the events driven.**
- **Infrastructure as Code (IaC) Implementation:**
- **Utilized Terraform to define, provision, and manage AWS resources including VPC, subnets, security groups, and EKS clusters.**
- **Wrote Terraform modules to abstract and reuse configurations for EKS cluster setup.**
- **Created EKS clusters by defining the desired configuration in Terraform, including node groups, IAM roles, and networking.**
- **Implemented VPC networking for EKS clusters, with public and private subnets across multiple availability zones.**
- **Configured and deployed Kubernetes worker nodes with auto-scaling groups and launch configurations using Terraform.**
- **Automated the provisioning and scaling of managed and self-managed node groups using Terraform.**
- **Integrated node groups with AWS Auto Scaling to handle varying workloads efficiently.**
- **Twistlock Integration:**
Container Security: Integrated Twistlock (now Prisma Cloud) to ensure container security and compliance within the CI/CD pipeline.

Vulnerability Scanning: Implemented automated vulnerability scanning for container images, identifying and mitigating security risks before deployment.

- **Jira Management:**

Project Tracking: Managed and tracked development tasks, bugs, and feature requests using Jira, ensuring transparency and accountability.

Workflow Customization: Customized Jira workflows to align with project requirements and streamline development processes.

Integration: Integrated Jira with other tools (e.g., Bitbucket, Confluence) to enhance collaboration and traceability.

Dashboard and Reporting: Created and maintained dashboards for real-time project status, facilitating effective communication with stakeholders.

- **Grafana Monitoring:**

Metrics Collection: Set up Grafana for real-time monitoring of application performance and infrastructure health.

Data Sources: Integrated various data sources (e.g., Prometheus) to collect and visualize metrics.

Custom Dashboards: Developed custom dashboards to monitor key performance indicators (KPIs) and ensure optimal application performance

Mar 2018 - Jul 2021

System Administrator

A.P tobacco Co-Operative union

- **Installing and configuring:** Installing and configuring hardware and software, including servers, workstations, and networks
- **Managing:** Managing network servers, technology tools, access permissions, and security measures
- **Maintaining:** Maintaining systems according to requirements, including network connectivity, email, and web servers
Troubleshooting: Troubleshooting issues and outages, including diagnosing and solving hardware or software faults
- **Securing:** Ensuring security through access controls, backups, and firewalls
- **Upgrading:** Upgrading systems with new releases and models
- **Training:** Developing expertise to train staff on new technologies
- **Documenting:** Building an internal wiki with technical documentation, manuals, and IT policies
- **Automating:** Automating routine tasks through scripting and tools

- Evaluating: Evaluating new technology and systems for implementation

Aug 2024 - Present

Senior Software Engineer

MSystems Technologies

Automation and orchestration

Automate repetitive tasks like code builds, tests, deployments, and infrastructure provisioning using tools like ArgoCD, Kubernetes to orchestrate complex systems.

CI/CD

used CI/CD tools like GoCD to automate the software delivery pipeline. These tools integrate code changes, trigger automated builds and tests, and deploy applications.

Collaboration

work closely with developers, testers, and system administrators to ensure the software development life cycle is smooth and efficient. Also demonstrate excellent leadership skills and the capacity to mentor junior staff.



Projects

34 Months

IDFC First Bank - KoreAi

- Led a cross-functional team for the successful completion of the KoreAi project within a tight deadline, resulting in a 20% increase in customer satisfaction.
- Implemented agile methodology in the KoreAi project, leading to a 30% improvement in project efficiency and on-time delivery.
- Collaborated with stakeholders to define project requirements and milestones, contributing to a 15% reduction in overall project costs.
- Implemented standard methodologies for scaling and managing Kubernetes clusters across various cloud platforms.
- Employed Jenkins and GoCD for implementing Continuous Integration and Delivery pipelines.
- Managed source code repositories using Bitbucket and Git.
- Utilized AWS services for deployment and orchestration of containers.
- Collaborated with cross-functional IT teams to effectively manage system life-cycle
- processes and release cycles and Improved cloud infrastructure and streamlined workflows through Kubernetes.

18 Months

IDFC First Bank - E-toll First Forward.

E-toll First Forward is an application used in the bank to manage fastag services of its users.

- Configuring and maintaining the source code management repository BitBucket
- Created Ci/CD pipelines scripts by integrating BitBucket,GoCD and more..
- Administrating GoCD Ci/CD build engine for deploying, configuring, managing.
- Used of docker and Kubernetes to manage micro services for development of continuous integration and continuous delivery and container - based deployments using docker working with docker images, Docker hub and Docker registries , installation and configuring Kubernetes and Clustering them
- working with AWS EKS for configure the clusters, node groups and Autoscaling by using the autoscaling groups.

18 Months

LIMS(Limit Management)

- Performing Pre-Build activities & Post Build activities by coordinating with development teams.
- Configuration management (Build and continuous Integration using Maven, Jenkins and GIT)
- Supporting Developers in Build, Delivering activities, Branch, Tags creation.
- Create and establish build process using Maven to perform builds efficiently and deployment of the application using Tomcat Application Server.
- Perform multiple daily builds for multiple software releases.
- Responsible for delivering daily builds, patch releases, hot fixes and the formal releases.
- Deploy the release of software components into pre-production environments.
- Automated the bundling process and reduced all the manual intervention needed and merged that to the Jenkins job
- Work with Dev and QA teams closely to make sure builds available all the time
- Integrated, built, packaged, and debugged several major releases
- Communicating and working with development and test teams

18 Months

Coppel

Coppel is a nationwide department store in Mexico based in Culiacán, Sinaloa and founded in 1941. It is noted for extending easy credit and for enabling payment of purchases via twice-monthly installments.

Responsibilities:

- Design, implement, and maintain Azure DevOps pipelines and build processes

- Develop and maintain Azure DevOps automation scripts
- Monitor and troubleshoot Azure DevOps pipelines and builds
- Create and maintain Azure DevOps dashboards
- Design and implement Azure DevOps security policies
- Manage Azure DevOps source control repositories
- Develop and maintain Azure DevOps release processes
- Develop and maintain Azure DevOps test automation
- Develop and maintain Azure DevOps deployment automation
- Implement and maintain Azure DevOps monitoring and alerting
- Design and implement Azure DevOps CI/CD processes