


SIVA KUMAR REDDY

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PROFESSIONAL SUMMARY

- A dynamic DevOps professional with over 10+ years of experience with strong background in Build and Release, Automation, and Development of applications.
- Extensive experience in configuration of tasks, setting up project baselines, branching strategies, merging and taking regular backups of the source code.
- Experienced with Designing and implementing configuration CI and CD using GIT, SVN, ANT, MAVEN and Jenkins for Monolithic and Micro services projects.
- Experience on AWS cloud services EC2, AMI, EBS, RDS, ELB and S3 for managing multi-tier environments.
- Experience on Python Boto3 with AWS services like EC2, AMI.
- Experience in setting up infra on AWS and managing it.
- Experience on administration Build Tools like Jenkins, Nexus, and Sonar.
- Expertise in scripting languages such as Bash, Python and Ruby.
- Experience on writing Chef Cookbooks.
- Experience on Big Data systems like Kafka, Zookeeper, Aerospike.
- Excellent interpersonal communication skills and ability to work in a team.
- Experience on Docker and Kubernetes.

SKILLS

Scripting Languages

- Unix Shell Script, Ant, Python, Ruby

Configuration and Infrastructure Management

- Chef, Ansible, Terraform

CI Tools

- Jenkins

Build Management Tool

- Ant, Maven

Version Control Tools

- Git, SVN

Web Servers

- Apache, Tomcat

Containerization

- Docker

Cloud Technology

- AWS

Operating Systems

- Redhat Linux, Ubuntu, Centos, Windows

EDUCATION

Dr. M.G.R University

WORK HISTORY

Oracle Cloud Infrastructure (Block storage) - Site Reliability Engineer (DevOps)

Bengaluru, Karnataka • 08/2021 - Current

- Lead for Host Life cycle management of block storage servers across 40+ regions.
- Actively contributor internal python command line tool (mpcli)
- Lead for Failed disk automation
- Lead for Clique build automation developed in terraform
- Works in on-call rotation

Tesco Bengaluru - Site Reliability Engineer (DevOps)

Bengaluru, Karnataka • 05/2019 - 07/2021

- Worked closely with other business analysts, development teams and infrastructure specialists to deliver high availability solutions for mission-critical applications
- Working on moving DevOps Tools like Jenkins, Nexus, Sonar, Chef from AWS to Azure
- Working on building Chef Infra server package with chef open-source community
- Researched, designed and implemented scalable applications for information identification, extraction, analysis, retrieval and indexing

- Automated and implemented backup and recovery procedures for DevOps tools system that resulted in reduce manual hours
- Implemented new software applications and operating system rollouts across business enterprise
- Collaborated with cross-functional development team members to analyse potential system solutions based on evolving client requirements

ZAPR Media Labs - Senior DevOps Engineer

Bengaluru, Karnataka • 10/2018 - 04/2019

- Automated (using shell/python/ansible) repeated manual tasks
- Participated scrum and Kanban activities
- Installed and administered tools like kafka, Aerospike, flume, Mongo, Jenkins, Nagios, Graphite and Graphana
- Provisioned new infrastructure requirements in AWS
- Worked on setting up new servers in on-prem Datacenter
- Worked on writing python (boto3) scripts to monitor and for analysis of EC2 instances for Cost Optimization

Xebia IT Architects India Pvt Ltd - DevOps Consultant at Tesco (client)

Bengaluru, Karnataka • 07/2016 - 10/2018

- Part of central team to manage DevOps Tools
- Automated (using shell/python/ruby/Jenkins) repeated manual tasks
- Worked for Agile projects following scrum
- Participated scrum and Kanban activities
- Helped CI and CD design and implemented for project teams
- Installed, Upgraded, configured, administered tools like Jenkins, Nexus, Sonar and Chef
- Helped users in troubleshooting CI, CD, Jenkins and Chef Issues

Xebia IT Architects India Pvt Ltd - Devops Consultant

Bengaluru, Karnataka • 12/2015 - 07/2016

- R&D related to CI/CD, microservices and DevOps:
 - * Containers (Docker)
 - * Clustering (Swarm, Kubernetes, Mesos)
 - * Service Discovery (Consul, etcd)
 - * Blue-green, canary deployments
 - * Self-healing systems
 - * Configuration Management (Chef and Ansible)
 - * Continuous Integration (Jenkins 2.0)

GTNexus, Infor Company - Build and Release Engineer

Bengaluru, Karnataka • 08/2014 - 12/2015

- Creating/ modifying CI/CD pipeline for projects, environment availability, day to day do build and release packages for different environments, help in building new environments, and automate as much as possible all manual tasks, help in maintaining of branching strategy
- Extensively worked on automation tools like Jenkins, Ant to implement end-to-end automation of build and deployment processes
- Participated in day to day build and release activities
- Installed, configured, administered tools like Jenkins, Apache, Tomcat, Fisheye/ Crucible
- Helped users in troubleshooting version control-related issues

- Coordinated with Development and Quality Assurance teams for code deployments
- Automated manual steps using Jenkins, Ant and Shell scripts
- Administered merge, build and deployment of codes to all environments
- Performed smoke/ sanity tests for applications deployed and troubleshoot applications during any issues
- Developed utility scripts to effectively reduce time and manual effort

Luensen Technologies - Build and Release Engineer

Hyderabad, Andhra Pradesh • 04/2011 - 08/2014

- Administration of SVN and Jenkins, CI and CD, environment maintenance, automating manual tasks by scripting and Release activities
- Built source code using Subversion and Jenkins
- Built and deployed scripts according to SCM team standards and processes to QA, Performance and Production Environments
- Developed and enhanced current tools to suit ongoing need to support build and configuration of releases for all product teams
- Installed, configured and administered SVN, Jenkins, and Deployment automation
- Maintained source code in SVN for various applications
- Involved in Branching Strategy for parallel development
- Responsible for setting up environment for new developers on their machines