



Manohar DG

Contact

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Skills

- Software CI-CD development
- CI Project planning
- Testing and deployment
- Team Leadership

SCM: Git, Gerrit, Gitlab, Bitbucket, SVN, CVS

Network Skills: Firewall-Cyberoam CR 35ia, VPN

OS: Windows (8/10, Windows server 2012R2/2008) OpenSUSE, SUSE enterprise, fedora14, SunOS, HP Unix, Ubuntu, RHEL

Public Cloud /containers: SAP Monsoon, AWS, Azure, OpenStack, VMware, Docker, Kubernetes, AWS EKS, Azure AKS

Infrastructure Automation: Chef, Ansible, Terraform, Rundeck, Jenkins, GitLab-ci

Scripting: Shell script, python, Groovy

Monitoring: Grafana, Prometheus, influxDB, kibana

Summary

I am highly motivated, hardworking, and process-oriented; I like to analyze things in detail and find solutions with a practical approach. I am proactive and determined to fulfill the tasks and responsibilities. I have 13.5 years of IT experience. My key skills are Linux, CHEF, Ansible, AWS, Terraform, Gitlab-ci, Jenkins, docker, Kubernetes, IaC, and DevOps experience. I am currently working for RSA Security Appliances as a Principal Software Engineer on DevOps projects. I will be responsible for Designing and architecting CICD, and IAC using DevOps tools and technologies.

Experience

Principal software Engineer

RSA India Pvt Ltd | Jun 2022 - Current

- I am responsible for Design and implementing applications supporting cloud infrastructure according to the company policies and procedures
- Design, develop, and deploy CI/CD systems (Jenkins, Jenkins Pipeline, groovy & Azure Developer Tools)
- Designed, and architected migrated CI environment into Azure cloud services (AKS) using Terraform enabled the monitoring with Grafana, Prometheus, and Kibana.
- Handled configuration management using best-suited software tools, including **Terraform** and Ansible.
- Trained and mentored employees to maximize team performance.

Project Leader (DevOps consultant)

L&T Tech services | Nov 2016 - May 2022

Project 1: ISeCL, client: Intel Corporation: I am responsible for the design, management, and optimization of the CCD process on GitLab-ci, Building the project code and deploying using the Ansible Playbook.

- Create Ansible Playbooks for OpenStack and Kubernetes setup and configure for ISeCL and deploy using Gitlab automation.
- Design the architecture for monitoring tools with Grafana & Prometheus, Create Dashboards for Monitoring VMs, and Report generation dashboard using Python script

Programming languages and tools: Python, Ansible, Docker, Kubernetes, OpenStack, Grafana, Prometheus

Education

Don Bosco IT Bangalore
affiliated to VTU
Computer Science: Bachelor
of Engineering
2009

Project 2: ICLP: - client: Intel Corporation : Design the architect Infrastructure for AWS and AZURE with Terraform using GitLab-ci, IaC with terraform for AWS and Azure & automate the deploy using ansibles. Write Ansible and Terraform modules to automate the infrastructure Programming languages and clouds: AWS, Azure, Terraform, Ansible, AWS EKS

Project 3: Blockchain: - I am responsible for architect and create and configure LR network setup on a DMZ zone using physical servers' network and AWS Configure and provision NUC's & AWS with Chef/Ansible playbooks and write script for IaaS using terraform. Containerize the micro services for sawtooth configuration and setup with Docker-compose, PXE server setup and automate with Code coverage test cases on DMZ.

Programming languages and tools: Chef ansible, terraform, AWS, Rundeck, Docker, Jenkins

Project4: Zephyr CI Working in a zephyr CI team. I am responsible for understanding and scripting on python of test cases of project, Git, Gerrit administration and manage Jenkins job by YAML codes with Jenkins's job builder. **Programming languages and tools:** Python, Shell scripting, YAML for JJB, Gerrit, GitHub, Jenkins, Docker.

Senior DevOps Consultant

SAP LABS INDIA PVT LTD | BRISTLECONE PVT LTD | Dec 2015 - Nov 2016

- Worked in a CI/CD infrastructure to setup automation framework on DC's with Rundeck, Chef-server, Chef workstation, GitLab, Yum repo setup
- I was responsible for developing chef cookbook Server Spec code for Applications and automation for products like JAM, Community
- Effective training session for SAP employees on Chef, DevOps technology
- CI engines setup like Jenkins, Deployment tool like Rundeck for cloud delivery
- Deploy VM's on cloud with the help of AWS Web services by Automation
- Programming languages and tools: Chef-server, Chef-cookbook, Ruby, Shel scripting, xml, json, Rundeck, Jenkins, Gitlab, Yumrepo, ServerSpec, selenium, AWS cloud, Monsoon SAP cloud, VMware.

Senior system administrator/DevOps consultant

SAP LABS INDIA PVT LTD | Computer Science Corporation PVT LTD | Apr 2013 - Dec 2015

- Worked in an Automation functional team for developing a solution, policies, and process for Configuration management, a process for CI/CD, Build and release management
- I was responsible for Plan, execute and document automated deployment of an application with software development team
- Develop tools for cloud automation and management of public and private cloud
- Building infrastructure, HANA DB, App installation and automate all infra related task with Chef and cookbooks for SAP labs IT

- Create cookbook, software to perform post-installation tasks, file system creations, ohai-libraries update, and all infra related task via chef automation
- Programming languages and tools: Chef cookbooks, ruby Perl Monsoon SAP cloud, Chef, Jenkins, VMware Linux, Windows.

System Administrator

Datamatics Soft service LTD | Sep 2012 - Apr 2013

- Worked in a Jboss application server and troubleshooting team
- I was responsible for Job scheduling and automation process using CRON and AT, Handling all VMware applications and apache webserver administration
- Programming languages and tools: JAVA core, Jboss, VMware and Linux.

System Administrator

SLOKA TELECOM PVT LTD | Bangalore | Sep 2011 - Sep 2012

- Worked in an IT administration team, independently maintained entire organization in terms of server management, network and IT administration
- I was responsible for Intranet web applications, VPN, IP firewall Configure network switches, patch updating, database creation (MySQL) management
- Programming languages and tools: Joomla, MySQL, Shell, Cyberoam firewall, All network switches, Linux.

System Engineer

SYNOVA INNOVATIVE TECHNOLOGIES PVT LTD. | Mar 2011 - Sep 2011

- Worked in a server administration and support team, I was responsible for Build, install and tests Linux, Windows on VMware environment based on requirement
- And configuring and managing virtual infrastructure and virtual center, VMware cluster, Enabling HA and DRS features in a cluster, vMotion and support
- Programming languages and tools: VMware, Linux.

Production support Engineer

Yalamanchili Software export | Aug 2010 - Mar 2011

- Worked in a Karnataka bank atm switch team, I was responsible for Oracle 9i, Recovery, Managing Oracle users, Space management on OLTP databases, Performance tuning, Post Development Testing, Implementation and ATM Operations in-charge
- Programming languages and tools: C, PLSQL, oracle 9i/10i, Oracle.

Certifications

- ITILV3 Foundation
- Windows and VMware4.1 from IBM

- VMware4.1
- VMware Associates Data center virtualization
- VMware Associates Cloud
- AWS Solution Architect - Associate
- A1 and A2 certified for German Language