



Jithin raj

Senior Devops Engineer
Bengaluru, India

Contact Information

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Target Job

Target Job Title:	Senior Devops Engineer
Career Level:	Experienced
Career Objective:	"Seeking an environment that will serve as a platform to learn and enhance my skills where in my knowledge and my experience can be shared and enriched. Working in a progressive work culture with the freedom to be creative, innovative and to excel and grow with the organization"
Target Industry:	Computer/Software; Engineering
Employment Type:	Employee
Employment Status:	Full time
Notice Period:	1 Month

Personal Information

Birth Date:	12 November 1989
Gender:	Male
Nationality:	India
Visa Status:	Citizen
Driving License Issued From:	India

Experience (6.1 Year)

Senior DevOps Engineer

At Autogrid India Pvt. Ltd

June 2017 - till date

- Created Strategy & Roadmap for new CI/CD process using Declarative Continuous Delivery Pipeline with Groovy.
- Came up with roadmap, designed and implemented monitoring, reporting & centralized logging system for overall platform using Prometheus, EFK.
- Designed and Implemented a complex Ansible project (directory structure, roles, environments, dynamic inventories & playbooks) to control entire platform infrastructure.
- Designed and Implemented a microservices project template with Kubernetes wrote dockerfiles, Kubernetes deployment, services, Ingress, Secret, PVClaim.
- AWS services (EC2, S3, Route53, IAM, AS, CloudWatch, CloudFormation, CloudFront, WAF etc..)
- Kubernetes: Cluster creation with Kops, (Persistent Volume, Ingress, Services, Jobs,)
- Designed and Implemented Terraform to create the platform infrastructure.
- Wrote Monit checks for infrastructure server monitoring.
- Wrote custom python checks for server monitoring, data backups, used Kubernetes and Docker modules for automating k8s tasks.

Technologies Used: Microservice Patterns, Kubernetes, Istio, Docker, Helm, Kong, Jenkins (declarative pipeline), Python, Redis, Celery, Ansible, Prometheus, InfluxDB, Elasticsearch, Logstash, Kafka, Fluentd, Bitbucket/GIT, Artifactory.

Cloud Operations Engineer Analyst

At Accenture

Environment: Microsoft's Remote Datacenter Operation Support with Linux

Team: Private and hybrid cloud

Feb 2017 – June 2017

- Working on private and hybrid cloud environments
- Building the infra SaaS. Automating it with the CICD.
- Managing VM's on Microsoft Azure and AWS.
- Working in Cisco unified computing environment (Cisco Flexpod)
- Storage provisioning – Creating boot LUN, and assigning with WWPN, Creating NFS shares, set export policy and
- mounting on Linux servers as per SAP HANA standard.
- Working on Incident, problem and change management tasks.
- Automating complex tasks on client servers using Ansible tool.
- Monitoring and configuring Nagios & NPRE, troubleshooting NRPE connection issues.

- Building SUSE & REDHAT OS on cisco UCS blade using golden image, creating golden image periodically.
- Planning new build as per the Customer requirement.
- Associate and disassociate service profiles.
- Storage provisioning – Creating boot lun, and assigning with WWPN, Creating NFS shares, set export policy and mounting on Linux servers as per SAP HANA standard.
- Planning and patching Linux servers periodically.
- Creating and managing repository in GIT and SVN servers.
- Configuring and managing SUSE SMT server repository.

Linux Administrator

At VIDAL (RCS Technologies)

Location: Bengaluru, India

Company Industry: Software/Networking

Job Role: Administration

April 2016 – Feb 2017

- Application servers patching (JBoss, Apache, LAMP, Ruby on Rails) and xml file configuration.
- Database Administration: Oracle DB (11/12g), MySQL, Mongo DB Installation, ALL DB backup, oracle RMAN backup, DB server migration. Listener file, control file, P/SP File managing and configuring, Logs management etc.
- Yum/ RPM Installation: LAMP, Ruby on Rails, JBoss, Tomcat, VNC, SAMBA, Nagios, LDAP.
- Mail server (Zimbra), Fax Server (HylaFAX).
- Configuring and monitoring Disk mirroring, striping using LVM.
- Installing and configuring devops tools Jenkins, Jira, Nagios, SVN, GIT and Docker.
- Managing DAS, NAS, SAN
- Job Scheduling and automating process using CRON
- Automating tasks using tools like Ansible.
- Creation and testing bash scripts for production servers.
- Configuring and managing Redhat cluster with conga, pacemaker. Which Includes Fencing Lock management (CMAN) Cluster services and resources.
- Linux networking: IP tables for packet filtering, NATing and traffic shaping, Linux Bridging.

Network Operations Engineer

At Pronto Networks INC

Location: Bengaluru, India

Company Industry: Computer/Hardware/Networking

Job Role: Engineering

October 2014 – March 2016

Responsibilities: (OSS/BSS Support for Wi-Fi)

Linux: Red Hat, CentOS, Ubuntu.

Database: Oracle 10g / 11g, MySQL, Oracle AS, LAMP, JBoss

Wi-Fi Networking and Security: Pronto Wi-Fi device, Edimax, Pep Link, PFSense, IPCop Firewall.

Job Roll: Installation of Linux, Oracle DB and Oracle AS and configure OSS /BSS java base application on Server.

- Basically doing jsp base Web page implementation with html code for customer portal, monitor and troubleshoot.

- Oracle DB issue like table size increment, backup of db using export/import, migration of DB and page.
- Migration, apply DB patches, SQL query. Linux base networking, user control, IP tables, squid, ACL.
- DB back up, user logs backup.
- Load balancer to control user connection over Oracle AS.
- Knowledge on: tcpdump use by wire shark to analyze packets.
- Server Monitoring through Nagios and network traffic and ensuring that server is running smoothly.

Linux Administrator

At Octaunitech Solutions Pvt. Ltd

Location: Bengaluru, India

Company Industry: Computer/Hardware/Networking

July, 2013- Oct, 2014

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- Monitoring system logs and root's email for important messages such as errors and warnings or hardware failure errors.
- Configuring AD CS Day-to-Day Administration
- Managing Disk File Systems, Server Performance, Users Creation and Granting file access Permissions.
- FTP Creation
- Creation of groups, adding User ID to a group as a primary or secondary group, removing User ID from a group.
- Active Directory Forests and Domains.
- Samba Server configuration with Samba Clients.
- Configuring and managing of SAN Server implemented with FC or iSCSI
- Monitoring the System Performance and tuning the kernel to enhance system performance.
- Adding Disks and creating Slices and File System Administration.
- Disk replacement (Root disk / Data disk).
- Swap space management.
- Configuring and managing network interfaces.
- Patch implementation & maintenance, Licensing, Boot Prom Management and Performance Management.

Education

Bachelor's degree/**BE Electronics and communication**

At RL Jalappa Institute of Technology

Location: Bangalore

Completion Date: June 2013

High school or equivalent, Computer science

At Kerala State Board

Location: Kannur India

Completion Date: June 2007

Skills

Operating system: Red Hat, CentOS, SUSUE, Fedora, Debian, Ubuntu, Win Server 2003/08

Level: Expert | **Experience:** 4 year or less | Last **Used:** 1 month or less

Devops: Ansible, Jenkins, Kubernetes, GIT, Docker, SVN, Nagios, Monit, Prometheus, EFK, Jira, Terraform.

Level: Intermediate | **Experience:** 3 year or less | Last **Used:** 1 month or less

Development: Python and Bash scripting

Level: Intermediate | **Experience:** 3 year or less | Last **Used:** 1 month or less

Application Server: Web sphere, Oracle AS, Apache tomcat, Jboss, LAMP, Ruby on Rails

Level: Intermediate | **Experience:** 4 year or less | Last **Used:** 1 month or less

Database: RDS, Oracle 10g / 11g, MySQL, Mongo DB, PostgreSQL

Level: Intermediate | **Experience:** 3 year or less | Last **Used:** 1 month or less

VMware (ESXi), KVM, OVM, AWS, Azure Clustering, SAN, SAMBA, LDAP, FTP, RPM, RAID, LVM, Bash, NFS, BIND, Postfix, VPN, ACL, SSH, SCP, SendMail, LFTP.

Training and Certifications

Devops: Ansible, Kubernetes Administration, Jenkins

Red Hat Networking and Administration.

CCNA (Certification)

Training Institute: HCL CARRIER DEVELOPMENT CENTRE

Date Attended: October 2015

CISCO ID: CSC012845230

Hobbies and Interests

Reading, Swimming, Singing, Browsing, Gaming

Declaration

I hereby declare that all the details furnished above are true to the best of my knowledge.

(Jithin Raj)