



Somesh Kumar Prajapati

DevOps Engineer



Profile Summary

- Highly competent and result oriented professional have around 5 years of experience in IT.
- DevOps Engineer with 3 years' of experience in managing the SaaS environment for Cloud Email Security product.
- Application Developer with 2 years' of experience in Telecom domain.
- A team player with good communication, presentation and analytical skills.
- Accepting challenges set forth and meeting target timings.
- Positive attitude and strong desire to master new technologies.
- Working on Agile methodology.



Experience

2017-07 -
present

DevOps Engineer - CISCO India, Bangalore

- Managing large scale environments including 5 **Data Centers** (US, EU, CA, APJC and AWS) which includes supporting services/tools **Linux (CentOS), Spacewalk, Ansible, Cache, Proxy (NGINX), SSH, ADNS, RDNS, Atlas, RabbitMQ, Celery, Mongo DB, MySQL DB, vSPC, Docker-Container, Supervisord, Logstash, Redis, Unicorn, EC2, ELB, IAM, S3, VPC, Cloudwatch, RDS, Route53.**
- **Ansible** automation for data-center servers provisioning, task, patching and application deployment.
- **Design and deployed the whole Data Center.**
- **Working on server migration from CentOS-6 to CentOS-7.6 .**
- Managing the Cisco AsyncOS virtual appliances in Cloud - Email Security Appliance (**ESA**) and Security Management Appliance (**SMA**).
- Management and implementation of **Docker containers** for internal Atlas Django applications.
- Writing **Python** and **Shell scripts** for automation, post upgrade checks and data collection.
- Server performance monitoring and take appropriate action on Dev, Stage and Production Servers.
- Automation of day to day tasks using shell and python scripting.
- Analyzing and resolving issues, finding root cause and create the RCA document.
- Documenting the technical and process procedures and updating them in knowledge portal (In Confluence).
- Handling the JIRA tickets for any P1, P2 and P3 issues and requests.
- Perform the RFC for new requirement or issue fix in Production.
- Working on Agile methodology.



Personal Info

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LinkedIn

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WWW

<http://linuxtechiebulb.com/>

Address

Bangalore



Skills

Server Operating System : Linux (Redhat-7, CentOS-7)

AWS : EC2, S3, VPC, ELB, Cloudwatch, IAM, RDS, Route53

Web/Scripting Language : C, Python, Shell Scripting, PHP, HTML, CSS

Automation/Configuration Tool : Ansible, Terraform

Server Platform : Openstack (Basic), VMWare

Database : MySQL, Oracle 9i/11g, MongoDB

Containerization : Docker, Vagrant

Load Balancer : AVI, NGINX, Cisco ACE

Monitoring Tool : Nagios XI, Thruk

Ticketing Tool : JIRA, Pagerduty, Remedy BMC

Package Management : Spacewalk

2016-02 -
2017-06

Cloud Engineer - IBM India, Bangalore

- Implemented the **Nagios XI** monitoring tool in Prod and Stage environment to monitor the Openstack, Kubernetes and Hadoop Server.
- Automated many regular activities (Monitoring Task) by developing Shell scripts and application deployment using the Ansible.
- Monitoring the end to end pipeline (**Rsyslog, Logstash, Solr and Hadoop**) using Nagios XI.
- Deploying the containerized images for Solr, Logstash like tools.
- Perform the L1 & L2 System Admin activities for infrastructure.
- Server performance monitoring and take appropriate action on Dev, Test and Production Servers.
- Analyzing and resolving issues, finding root cause and provide the RCA document.
- Documenting the technical and process procedures and updating them in knowledge portal (In Confluence).
- Providing the access of tools **Git Hub Enterprise, Slack, Mural** and a common help experience across services offered by Cloud Platform Team.
- Handling the JIRA /Pagerduty tickets for any issue and request.

2013-12 -
2016-01

Application Developer - IBM India, Noida

- Assists clients in the selection, design and implementation of project.
- Developed the shell scripts for initial and incremental load for particular query.
- Developed the shell script to manipulate large files using **awk** or **sed** command.
- Developed batches in C and Tuxedo for consultation or database related operation.
- Designed the Functional Analysis Docs with respect to the feasibility requirements in project.
- Handling production defects - **NTRs** (Network Trouble Requests) and **TFRs** (Trouble Finding Requests) based on different requirements.
- Providing extended support to the different teams in case of End2End testing.



Education

2011-07 -
2013-05

National Institute of Technology (NIT) Durgapur, West Bengal

- M. Tech in Software Engineering, 8.64 CGPA

2006-07 -
2010-06

Govt. Engineering College Bikaner, Rajasthan

- B. Tech in Information Technology, 76.24 %

2004-07 -
2005-06

Board of Secondary Education, Rajasthan

- Senior Secondary, 65.38 %

2002-07 -
2003-06

Board of Secondary Education, Rajasthan

- Secondary, 75.67



Certificates

RHCE certified on Redhat Enterprise Linux 7.1 (Red Hat,Inc., License 160-133-435)

ORACLE SQL EXPERT certified



Publications

Trust Management Model for Cloud Computing Environment, ICTACT Journal on SOFT COMPUTING, Volume: 03, Issue: 03, pp. 509-513, APRIL 2013, ISSN: 2229-6956(ONLINE).



Languages

English

Hindi



Interests

Technical Blog Writing

Travelling

Badminton

Cricket

Running



Achievements



CISCO

Received Connect Everything Award from **Director** for successfully launch the CES Data Centre in APJC.



CISCO

Received Award from Manager for successfully launch the CES Data Centre in APJC and handling multiple projects parallelly.



IBM

Received Eminence & Excellence Recognition 2015 (ORION) Award for my performance excellence and camaraderie exhibited as an individual, and as a team.



IBM - UnsyncFile Finder Tool

UnsyncFile finder tool Idea conceptualized and developed by me in IBM - To identify the version difference details in NCRM Application for different types of code files in two different environments and highlight the details of the user/comments for the last version checked in the production.



GATE

Scored 97.0 percentile in GATE 2011



Extra- Curricular Activities



Team member of runner up Cricket team in **Cisco** Content Security Premier league-2018.



Got 1st prize in Gadget-Guru in 'Techno-Shine' conducted by **NIT, Durgapur**.



Selected in Quiz Contest in 'Aspirations 2020' conducted by **Infosys**.



Selected in Codicon Contest in 'Sakshama X08' conducted by **Engineering College, Bikaner**.



Attended a course Vision and Challenges of Cloud Computing and Pervasive Computing conducted by **INDIAN SCIENCE ACADEMIES**.