

# SRIRAAG SRIDHAR

Senior Systems Engineer

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Senior System Engineer with 4.5 years of experience in setting Infrastructure monitoring across various Lanes (Network/Hardware/Storage/Virtualization) and supporting different Monitoring Solutions and deploying them across different environments and also troubleshoot any issues that arise on Application/OS and maintain them to ensure that proactive monitoring is not impacted and work towards deploying a uniformly distributed systems.

## SKILLS

- OpenNMS
- Network Monitoring Solutions
- Tableau
- Data Visualization
- Shell Scripting
- PostgreSQL
- BMC Remedy/JIRA
- Grafana
- Cassandra/Scylla DB
- Kibana
- Kafka
- Linux Administration/Networking
- SNMP/SSH/TCP-IP
- GIT

## EXPERIENCE

SEP '17 – PRESENT DATE

**SENIOR SYSTEMS ENGINEER,** CERNER HEALTHCARE SOLUTIONS INDIA PVT LTD

### Projects

#### OpenNMS Time-Series Metrics on Kafka:

Configured Time-Series Metrics of the infrastructure monitoring parameters from OpenNMS to Kafka and worked with development team to de-serialize the Proto-buff messages and parse them through Logstash and send them to our Elastic Cluster

#### IPSLA Monitoring for Client:

Setup IPSLA Monitoring on OpenNMS for the Client devices for Parameters like Rx/Tx/Response Time/Jitter/Packet Loss/Latency etc.

#### Anomaly Detection for Infrastructure Monitoring:

Contributed to this project by ensuring that we have proper infrastructure monitoring set in place to capture, proactive and set first Violation Alerting from SNMP-Traps/Syslogs and Time-Series Performance Data, and work with the development team/Data

Analysts towards identifying their requirements to run the Machine Learning Jobs on the Collected Data on our ELK Stack and help them better the quality of data being fed from the source (OpenNMS).

### Responsibilities/Tasks

- Installing/Upgrading OpenNMS (Network Monitoring Solution) Instances on Different Environments (Network/Storage/Virtualization) for different Stakeholders across the Globe.
- Responsible to configure SNMP-Traps/Events from Vendor Provided MIBs and also Set Performance Collection Metrics (Time-Series Data) (Port Rx/Tx, Port Discards, Port Utilization, Temperature, Voltage etc..) from Scratch on OpenNMS for various Device Families like Cisco/APC/F5/PA/NetScaler/IXIA etc.
- Work with our Development team to deploy their code changes that they make on the Inhouse Version of OpenNMS Solution.
- Experience in Linux System Administration and performing regular health checks and upkeep of the Servers.
- Wrote Shell Scripts to Perform Audit on ICMP/SNMP Reachability of a node, Add Nodes to OpenNMS and OS-Config Backup Script which were used during the patching and rebooting tasks and helped the team.
- Contribute in planning a Scalable and Highly Available Architecture for our current distributed environment.
- Install/Upgrade and Maintain the underlying OS and PostgreSQL Database that OpenNMS Uses.
- Install/Setup Kafka Cluster.
- Built Grafana/Kibana Dashboards to Visualize Events on Grafana for NOC Team to provide Single Pane of Glass.
- Working on Building Dashboard on Grafana to Visualize Time-Series Metrics.
- Built Tableau Dashboards for Different (Operation Center) OC-Lanes (Network/Storage/Virtualization) to showcase their Key Performance Indicators (KPI), SLA Breaches and other metrics available on Remedy (Incidents/Change Requests/Problem Tickets)
- Provide On-Call Support

**JULY '15 – SEP '17**

**SYSTEMS ENGINEER, CERNER HEALTHCARE SOLUTIONS INDIA PVT LTD**

### Responsibilities/Tasks

- Working on Supporting Network Monitoring Solutions like EMC-Smarts/OpenNMS and perform tasks like Addition/Removal of Nodes to Network Monitoring
- Installing OpenNMS on different Instances
- Work with Network Operations Team to resolve ACL/SNMP Reachability issues to ensure that proactive monitoring is in place.
- Created Tableau Dashboards to track the Incidents and Change Requests Raised on Remedy and categorize them accordingly, for Different Operations Center Lanes (Network/Storage/Virtualization/Skybox)
- Daily Health Checks, Maintenance and Troubleshooting of Linux

- Nodes hosting our Network Monitoring Applications
- POC on Using Cassandra DB Cluster to persist Performance Collection Data on Cassandra
- Work on Priority Incidents and Change Requests raised by Stake Holders.
- Perform Proactive Patches and Upgrade of our Windows Servers during the WannaCry Ransomware Attack
- Document the Install/Upgrade Process of HP-PA and HP-SIM and Knowledge Transfer to Team Mates
- Troubleshoot Application issues that the Storage Operations Center Team had with Storage Monitoring Solution HP-PA

**JAN '15 - JULY '15**

**ASSOCIATE INTERN, CERNER HEALTHCARE SOLUTIONS INDIA PVT LTD**

### Responsibilities/Tasks

- Supported a HP Hardware Monitoring Solution, HP-SIM (System Insight Manager)
- Supported a Storage Monitoring Solution, HP-PA (Performance Advisor)
- Internship project of understanding the VERITAS-Multipath Process and Write a Bash Script to enable Reporting for the same
- Planned and helped with the Migration from Windows 2008-R2 to Windows 2012-R2 and Upgraded HP-Performance Advisor to Latest Version on 120+ Servers.
- Work with the Storage and Frontend team to Add XP/P9500 Storage Arrays into Monitoring under HP-PA
- Supported the daily upkeep of the Linux/Windows Servers hosting our Applications (HP-PA/HP-SIM)
- Add Enclosures/ESX Hosts and other Hardware in the Datacenter under Hardware Monitoring in HP-SIM and work with the Front-end team to remediate any issues arising from the reports and engage Smart Hands as required.

## **EDUCATION**

**2012-2015**

**MASTER OF COMPUTER APPLICATION,**

**NEW HORIZON COLLEGE OF ENGINEERING(NHCE) - VISVESVARAYA TECHNOLOGICAL UNIVERSITY (VTU)**

**2009-2012**

**BACHELOR OF COMPUTER APPLICATION,**

**INDIAN ACADEMY DEGREE COLLEGE - BANGALORE UNIVERSITY (BU)**

## **ACHIEVEMENTS**

**2018 - STAR AWARD**

**Vulnerability Patching and Rebooting**

2015 - NOTT AWARD

Upgrading HP-Performance Advisor Application on 120+ Servers  
(Team Effort)

## INTERESTS

- Running
- Solo-Travelling
- Bouldering

# Ayush Dwivedi

<https://www.aydwi.com>

[contact@aydwi.com](mailto:contact@aydwi.com)

**EDUCATION**      **VIT University**, TN, India  
*Bachelor of Technology, Computer Science*      **Jun 2015 – Jun 2019**  
Recipient of Scholarship for Academic Excellence in Computer Engineering three years in a row.

**PROFESSIONAL EXPERIENCE**      **Nutanix Inc.**, KA, India  
*Systems Reliability Engineer*      **Jan 2019 – present**  
I debug and develop tooling for the Nutanix software stack for on-premise and cloud based infrastructure deployments. Involves working with Linux servers, KVM based hypervisors, network based storage and file-systems, and open source tools like Apache Cassandra and Zookeeper.

- **Nutanix Cluster Check:** Led the development and co-authored a Python based plugin to determine if Nutanix software is deployed optimally, effectively automating the existing process. Used by Nutanix administrators and engineers worldwide, saving them several hundred hours of manual analysis every month.
- **Aeon Downloader:** Authored a tool to automatically download and organize educational resources for Nutanix engineers. Made retrieval and consumption of information much easier for the entire team, saving them hours of unnecessary effort.

**OPEN SOURCE WORK AND PROJECTS**      **Freedom of the Press Foundation**, Remote, based in CA, USA  
*Open Source Developer, Community Member*      **Feb 2018 – Jun 2018**  
I worked on SecureDrop - an open source whistleblower submission system, managed by Freedom of the Press Foundation.

- **SecureDrop Web App:** Performed server-side optimization of image upload system for the Flask based web application. Resulted in more robust server code and faster experience for end users. Fixed multiple open bugs in the process. [[Link](#)]
- **SD-Helper:** Authored an automated system to schedule and manage messages on Gitter based developer communication channel. Deployed it on the securedrop cloud infrastructure using Docker. [[Link](#)]
- **Reproducible Builds:** Analyzed the need of building SecureDrop binaries reproducibly, and the build system required for the same. Gained familiarity with Debian software packaging in the process.

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## tldr PDF

A flexible PDF rendering tool for popular open source project 'tldr Pages'. Written in Python without any complicated external dependencies. [[Link](#)]

## chaos

'chaos' is a proof-of-concept pastejacking tool for GNU/Linux, which modifies text copied to the operating system clipboard. Written as a Python daemon. [[Link](#)]

**PROGRAMMING EXPERIENCE**      *Languages:* Python (Advanced), C++, JavaScript, Bash  
*Technologies:* Docker, Cassandra, SaltStack (Beginner), Qemu, Open vSwitch

# AYUSHI SHUKLA

Machine Learning Engineer

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## SKILLS

Data Science  
Machine Learning  
Deep Learning  
Computer Vision  
Data Analysis  
Data Visualization  
Natural Language Processing  
SQL  
Python

## EDUCATION

IBM DATA SCIENCE PROFESSIONAL CERTIFICATE

IBM, Coursera, 2019

DEEP LEARNING SPECIALIZATION

deeplearning.ai, Coursera, 2019

AMITY UNIVERSITY NOIDA

Master of Science in Biotechnology  
2017-2019

SRI VENKATESWARA COLLEGE, DU

Bachelor of Science  
2014-2017

## CONTACT DETAILS:

Phone: 8826707948

Email: ayushishukla137@gmail.com

Github: <https://github.com/ayushi0137>

## PERSONAL PROFILE

A professional and self-motivated Machine Learning enthusiast to strengthen skills in dynamic workplace and resolve problems effectively and creatively in a challenging position

## WORK EXPERIENCE

Somnath Dutta Lab, Indian Institute of Science, Bangalore  
Research Assistant, Jan 2019 - Oct 2019

## PROJECT WORK

### Object Detection using YOLOv3

Deep neural net to detect objects from an image, data extracted from Python API of coco dataset. Model is trained using Darknet framework which utilizes YOLOv3 algorithm to generate bounding box and labels of desired object.

### Multi-Classifer to Predict Activities

Classifies different activities(12 activities) from given input signals.

### Fruit-360

Fruits and vegetables are classified by implemented a simple CNN to achieve accuracy of 94%

### Intel Image Classification

Classified natural scenes around the world by implementing CNN model and ResNet18.

### Segmenting and clustering neighborhoods in Toronto

The aim was to explore, segment, and cluster the neighborhoods in the city of Toronto

### Canada Immigration Trend

Immigration to Canada in year 1980 to 2013 was analysed by using basic, special and advanced visualization tools.

### House Price Prediction

Predicted house value with accuracy of 89% as by CNN .

### Fashion MNIST

Deep neural network was created to classify images of clothing.

# Kunal Mankani

## Senior Site Reliability Engineer

Working in Atlassian as a Senior Site reliability engineer in the Commerce team, to handle the infrastructure, design and develop the commerce team and maintain the infra and consistently enhance the performance of systems.

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📞 (+91) 9620 868 199 / 9380 368 626

🌐 [linkedin.com/in/kunalmankani](https://www.linkedin.com/in/kunalmankani)

🐙 [github.com/kunalmankani](https://github.com/kunalmankani)

## WORK EXPERIENCE

### Senior Site Reliability Engineer Enquero ( Atlassian project )

08/2019 – Present

Bangalore, India

Atlassian Corporation Plc is an Australian enterprise software company that develops products for software developers, project managers, and content management.

#### Achievements/Tasks

- Working in the Commerce R&D at Atlassian.
- Built a website monitoring product in frequent code sprints for developing tools and products for easy infra management.
- Single-handedly migrated SignalFx detectors to the newer version from the legacy ones for smoother alert detection.
- Core team member of Resilience/Chaos engineering to understand and prune single points of failure by intentionally injecting failures.
- Pushed sprint code in Bitbucket as a Versioning system with Git as backend.
- Core team member of Post Incident Review meetings to analyze and mitigate root cause of Sev1 / Sev2 incidents.
- Documented runbooks, which contain standard procedures for instructions on resolving an incident or alarm.
- Worked on AWS tools like Cloudwatch for monitoring, SNS for alarm notifications, IAM for account policy management, creating custom AMIs for servers.
- Helped the Solutions architect team in setting up the Application Load Balancer (AWS ELB ) with Auto-Scaling group and Route 53.
- Worked with AWS SQS Standard and FIFO queues.

### Site Reliability Engineer Target Corporation India

11/2018 – 08/2019

Bangalore, India

Target Corporation is the eighth-largest retailer in the United States, and is a component of the S&P 500 Index.

#### Achievements/Tasks

- Writing Automation scripts in Python to recover systems to enable continuous build and deployment on Google Cloud Platform(GCP).
- Writing unit tests on Python for the build scripts using MagicMock, along with working on Configuration management software like Puppet and Chef for infrastructure management.
- Creating configuration files on JSON for regex matching jobs.
- Continuously implementing code for recoveries and patching the updates as a part of CI/CD methodology. Performing continuous integration and delivery of new microservices, on-demand trouble shooting of large-scale deployment issues on Linux systems.
- Identifying points of failure and helping to eliminate those by scripts.
- Usage of ServiceNow to update KB(Knowledge Base) and recover incidents and create incident response report, and consistently improving upon feedback loops from incident response reports.
- Built, administered, and troubleshoot all mission critical environments (Production, Stage, Dev, Test, QA).
- Worked on creating Maven based build environment, testing import and export components of framework, integration with Kafka services, monitoring data synchronization between Oracle and Mongo databases.

## WORK EXPERIENCE

### Platform Engineer Akamai Technologies

07/2016 – 11/2018

Bangalore, India

Akamai Technologies, Inc. is an American content delivery network and cloud service provider headquartered in Cambridge, Massachusetts, in the States.

#### Achievements/Tasks

- Dealing with various disciplines of operational aspects of the organisation involving major Incident Management processes, Alerting and monitoring solutions.
- Management of thousands of servers of Akamai's infrastructure.
- Collecting Error description and log files to analyse and eliminate bugs while handling operational issues.
- Installing, configuring, monitoring and maintaining production servers in a jiffy so that these can go live for the customers on an immediate basis.
- Providing continuous feedbacks for preset procedures, so that these can evolve over time and the efficiency of the overall workflow process improves.

## SKILLS AND TOOLS

Python	<div><div></div><div></div><div></div><div></div><div></div></div>	Terraform	<div><div></div><div></div><div></div><div></div><div></div></div>
Docker	<div><div></div><div></div><div></div><div></div><div></div></div>	Automation	<div><div></div><div></div><div></div><div></div><div></div></div>
Competitive Coding	<div><div></div><div></div><div></div><div></div><div></div></div>	Incident Management	<div><div></div><div></div><div></div><div></div><div></div></div>
Algorithms	<div><div></div><div></div><div></div><div></div><div></div></div>	Data Structures	<div><div></div><div></div><div></div><div></div><div></div></div>
Web-scraping	<div><div></div><div></div><div></div><div></div><div></div></div>	REST API	<div><div></div><div></div><div></div><div></div><div></div></div>
Kubernetes/Docker	<div><div></div><div></div><div></div><div></div><div></div></div>	ServiceNow	<div><div></div><div></div><div></div><div></div><div></div></div>
AWS	<div><div></div><div></div><div></div><div></div><div></div></div>	Splunk	<div><div></div><div></div><div></div><div></div><div></div></div>
SignalFx	<div><div></div><div></div><div></div><div></div><div></div></div>	Chaos Engineering	<div><div></div><div></div><div></div><div></div><div></div></div>

## EDUCATION

### Master of Computer Applications (MCA)

VIT University

04/2013 – 04/2016

8.22

### Bachelor of Computer Applications (BCA)

Maulana Abul Kalam Azad University of Technology, West Bengal

05/2010 – 05/2013

Kolkata, India

## CERTIFICATES

### Hewlett Packard Educational training on Core Java (12/2014 – Present)

- Certified in Core Java from HP Educational Services -- HP/WTP/2014/N161612

### Learning Amazon Web Services for Developers (11/2019 – Present)

- Completed LinkedIn Certification for AWS Fundamentals
- Certificate Id: AWspP-jUocgHaF8oAuJ\_DsFr4\_1h







**PRANAV KUMAR GUPTA**  
**BANGALORE, KARNATAKA**  
E-mail: [pranav.omkaar@gmail.com](mailto:pranav.omkaar@gmail.com)  
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**CAREER OBJECTIVE:**

*To attain a challenging & responsible position in an organization & contribute for the growth & development of the organization through innovative skills to make it globally competitive.*

**SUMMARY:**

6.8 years of progressive IT experience in DevOps and Linux Administration. Currently, Working as Lead DevOps Engineer (DevOps+Linux) with managing a team of DevOps Engineers. Orchestration and Provision of Platform and Infrastructure Stack using DevOps tools. Worked on Web servers like Apache, Nginx and Middle-ware servers like Tomcat. Worked in Highly Tough Environment. Monitoring, Troubleshooting and Maintaining Uptime, Performance and Resources of System and Servers through different kind tools like Nagios, New Relic, Grafana. Configuring, Managing and Troubleshooting DNS and DHCP for web-servers. Also worked on Samba Servers and Mail Servers. Also hands on experience on Installation, Configuration, Management and Troubleshooting of MySQL and MariaDB Database Servers, as well as, NoSql Redis and Cassandra Database Server. Managing and Troubleshooting of different set of Server Instances and Cluster of Server Instances of different distro on AWS, Openstack and Google Cloud Environments through both Console and CLI. Orchestration and Provision through Ansible and Terraform on AWS, Openstack and GCP. Containerization of Product Application Stacks into Micro-services through Kubernetes with Docker. Continuous Integration through Jenkins or CircleCI and Continuous Deployment through Spinnaker with Packer. Configuring and Troubleshooting TCP/IP and TCP/IP Protocols. Self-starter and Initiator attitude. 24/7 on-call availability and mobility. Keep abreast of current Technology.

**WORK EXPERIENCE:**

1) ABIT Corp ( January 2015 – Till Date)

DESIGNATION: Lead DevOps Engineer

DUTIES AND RESPONSIBILITIES:

Orchestration and Provision of Platform and Infrastructure Stack using DevOps tools.

Linux System and Server Administration.

Monitoring, Troubleshooting and Maintaining Uptime, Performance, Resources and Security of System and Servers.

Analyzing System Logs and identifying potential issues with Systems and Servers.

Ensuring Infrastructure up and running.

Troubleshooting and Support.

Managing and Troubleshooting Instances and Cluster of Instances on AWS, Openstack and Google Clouds.

Orchestration and Provision through Terraform and Ansible on AWS, Openstack and GCP.

Containerization of Product Application Stacks into Micro-services through Kubernetes with Docker.

Continuous Integration through Jenkins and Continuous Deployment through Spinnaker with Packer.

Configuration and Troubleshooting Web-Servers like Apache and Nginx Web-Servers, and Middle-ware Apache Tomcat Servers.

Configuring and Troubleshooting MySQL and PostgreSQL Database Servers ,and also, NoSql Redis and Cassandra Database Servers.

Configuring and Troubleshooting of DNS, FTP, NFS, SSH and DHCP Servers.

Configuring and Troubleshooting Samba Servers and Mail Servers.  
System-Level and Application-Level Monitoring and alerting through Nagios, New Relic, Cloud-Watch, Grafana.  
Log Analysis and Parsing through Kibana.  
Bash Scripting for day-today Automations.  
Managing a team of four people. Managing day today tasks revolving around team, Mentoring and doing performance review.  
Performance Monitoring of the Servers like loads, disk space, checking completion of jobs and checking errors.  
Monitor Servers like Apache, DNS, DHCP, FTP, NFS, SSH, E-mail Servers, Samba and their server issues like ping down, space issues, E-mail relaying issues through Nagios and Ping script. Configuring and Troubleshooting TCP/IP Protocols like ARP, RARP, ICMP, TCP, FTP, DNS, DHCP.

### Projects:

#### Public Transport Provider Project - Used below Technologies:

Used AWS as Platform for hosting Public Transport Products.  
Used Terraform for Orchestration, and, Ansible for Provisioning and Configuration Management Automations.  
Used Kubernetes and Docker for containerization of Products Application Stacks and Containers Orchestration and Provisioning.  
Used Kubernetes with Docker Cluster on EC2 instances and also used EKS as a service on AWS.  
Used Jenkins for Continuous Integration and Spinnaker with Packer for Continuous Deployment.  
Used Nginx, Mysql, Elasticsearch, Redis, Cassandra, Postgresql, Kafka.  
Used Github repositories management.  
Used Jira for Tracking.  
Used Cloud-watch with PagerDuty for Monitoring, as well as, alerting for Systems and Applications.  
Used Datadog and Sentry for Monitoring, as well as, for alerting for Systems, APIs' and Applications.  
Used Grafana for Monitoring.  
Used Kibana for Logs Data Analyzer.  
Used Bastion with G-Auth and OpenVPN for Authentication and Authorization.  
Used Bash Scripting for day today automations.

#### Artificial Intelligence Project - Used below Technologies:

Used AWS as Platform for hosting Artificial Intelligence Products.  
Used Terraform for Orchestration, and, Ansible for Provisioning and Configuration Management Automations.  
Used Kubernetes and Docker for containerization of Products Application Stacks and Containers Orchestration and Provisioning.  
Used Kubernetes with Docker Cluster on EC2 instances on AWS.  
Used CircleCI for Continuous Integration and Spinnaker with Packer for Continuous Deployment.  
Used Nginx, Mysql, Elasticsearch, Redis.  
Used Github repositories management.  
Used Fresh-service for Tracking  
Used Cloud-watch with PagerDuty for Monitoring, as well as, alerting for Systems and Applications  
Used Bastion with G-Auth for Authentication and Authorization.

Used Bash Scripting for day today automations.

Fintech Project - Used below Technologies:

Used AWS as Platform for hosting Financial Products.

Used Ansible for Orchestration, Provisioning and Configuration Management Automations.

Used Kubernetes and Docker for containerization of Products Application Stacks and Containers Orchestration and Provisioning.

Used ELB for Load-Balancing.

Used Jenkins as Continuous Integration and Spinnaker with Packer for Continuous Deployment.

Used Nginx, Apache, Tomcat, Mysql, Redis, Kafka, Elasticsearch stacks.

Used Github and Bitbucket repositories management.

Used Jira for Tracking.

Used CloudWatch and New Relic for Monitoring, as well as, alerting for Systems and Applications respectively.

Used Bastion with G-Auth and OpenVPN for Authentication and Authorization.

Used Bash Scripting for day-today Automations.

News-Media-Entertainment Project - Used below Technologies:

Used VMware and Openstack as Data-centers, Netmagic Public and Private Clouds, Nextgen Public and Private Clouds, AWS, Google Cloud as Platforms for Hybrid Infrastructure.

Used Ansible for Provisioning and Configuration Management Automations.

Used Terraform for Orchestration Automation.

Used Kubernetes and Docker for containerization of Products Application Stacks and Containers Orchestration and Provisioning.

Used Citrix and ELB for Load-Balancing.

Used Jenkins as Continuous Integration and Spinnaker with Packer for Continuous Deployment.

Used Apache, Nginx, Tomcat, Mysql, Redis, Cassandra, Kafka, Elasticsearch stacks.

Used Github and Gerrit for repositories management.

Used Jira for Tracking.

Used Nagios with check\_mk and New Relic for Monitoring, as well as, alerting of Systems and Applications respectively.

Used Kibana for Logs Data Analyzer.

Used Grafana for Monitoring.

Used LDAP for in-house Authentication and Authorization, and with VPN for Remote Access.

Used Bash Scripting for day-today Automations.

Infrastructure Project - Used below Technologies:

Used AWS as Platform for building cloud over it.

Used Ansible for Orchestration, Provisioning and Configuration Management Automations.

Used Nginx and ELB for Load-Balancing.

Used Apache, Nginx, Tomcat, Mysql, Redis stacks.

Used Virtualbox virtualization with Vagrant orchestration and container for dev and staging.

Used Jira and Pagerduty for Tracking and Alerting mechanisms.

Used Nagios and SignalFx for Monitoring.

Bastion Server with G-Auth and Okta-Auth for Authentication and Authorization.

Used Bash Scripting for day-today Automations.

Telecom Project - Used below Technologies:

Used VMware as Data-centers and AWS for Hybrid Infrastructure.

Used Ansible for Provisioning and Configuration Management Automations.

Used F5 for Load Balancing.

Used Jenkins as Continuous Integration and Continuous Deployment.  
Used Apache, Tomcat, Mysql, Kafka, Elasticsearch stacks.  
Used Github for repositories management.  
Used Wily for Monitoring, as well as, alerting of Systems and Applications.  
Used Kibana for Logs Data Analyzer.  
Used Bash Scripting for day-today Automations.

2) Melltech India Private Limited (January 2011 - August 2012)

DESIGNATION: System Administrator

DUTIES AND RESPONSIBILITIES:

Linux System and Server Administration.

Monitoring, Troubleshooting and Maintaining Uptime, Performance, Resources and Security of System and Servers.

Analyzing System Logs and identifying potential issues with Systems and Servers.

Ensuring Network Infrastructure up and running.

Troubleshooting and Support.

Configuration and Troubleshooting Apache Web-Servers.

Configuring and Troubleshooting Samba Servers.

Configuring and Troubleshooting of DNS, FTP, NFS, SSH and DHCP servers.

Performance Monitoring of the Servers like loads, disk space, checking completion of jobs and checking errors.

Monitor servers like Apache, DNS, DHCP, FTP, NFS, SSH, E-mail Servers, Samba and their server issues like ping down, space issues, E-mail relaying issues through Nagios and Ping script.

Configuring and Troubleshooting problems related to Broadband Internetwork, TCP/IP and TCP/IP Protocols like ARP, RARP, ICMP, IGMP, TCP, FTP, SMTP, POP, DNS, DHCP.

LAN, WLAN and VLAN, Wireless Routers: Configuration and Troubleshooting to give desired solutions.

**TECHNICAL QUALIFICATIONS:**

COURSE : BACHELOR OF COMPUTER APPLICATIONS

UNIVERSITY : HEMVATI NANDAN BAHUGUNAGARHWAL UNIVERSITY, SRINAGAR,  
UTTARAKHAND

INSTITUTE : BEEHIVE COLLEGE OF ADVANCE STUDIES, DEHRADUN,  
UTTARAKHAND

RESULT : 71%

COURSE : DIPLOMA

UNIVERSITY : DIRECTORATE OF TECHNICAL EDUCATION, BANGALORE,  
KARNATAKA

INSTITUTE : B.L.D.E. POLYTECHNIC, BIJAPUR, KARNATAKA

BRANCH : ELECTRONICS & COMMUNICATION

RESULT : 55%

**ACADAMIC QUALIFICATIONS:**

BOARD : INTERMEDIATE BOARD, UTTAR PRADESH

10<sup>TH</sup> : 52%

12<sup>TH</sup> : 48%

SCHOOL : COLVIN TALUQDARS' COLLEGE, LUCKNOW, UTTAR PRADESH

**SOFT PROFESSIONAL SKILLS:**

INTERPERSONAL RELATION SKILLS, GOOD COMMUNICATIONS, POSITIVE ATTITUDE, INNOVATIVE, SELF- STARTER, SELF-INITIATOR.

**CORE PROFESSIONAL SKILLS:**

LINUX Skills: RHEL, UBUNTU, CENTOS, DEBIAN, UNIX.

IPTABLES, TCPDUMP, FirewallID and SE-Linux:

Denying of any IP for using of some web-server.

Denying of user from using services.

Allowing IP for particular application through hosts.allow and hosts.deny.

Domain and Network server:

DNS: Configuring, Managing and Troubleshooting. Maintaining records like MX, A, PTR,

SOA, NS, CNAME.

DHCP: Configuring, Managing and Troubleshooting.

FTP: Configuring, Managing and Troubleshooting.

NFS: Mounting SAN or any File-System through NFS.

SAMBA: Managing and Sharing for internal use.

SQUID: Configuring, Managing and Troubleshooting Proxy servers.

Mail-Server (Postfix, Exim):

Installation, Configuration and Troubleshooting of Postfix and Exim Mail-Servers.

Web Server (Apache, Tomcat, Nginx):

Configuration, Installation and Troubleshooting of Apache Web-Sever and Apache Tomcat Server.

Load balancing using mod\_jk.

Apache Redirection of URL and Aliasing of URL.

Setting up different types of Virtual servers like Name based and Port based.

Installation, Configuration and Troubleshooting of Nginx Server.

Remote Access:

SSH: Secure Shell Login – Configuring, Remote Accessing and Logging, Managing and Troubleshooting.

Disk Management:

LVM: Logical Volume Manager – Configuring, Partitioning, Managing and Troubleshooting.

PARTITIONING: Creating partitions on already in use hard drive or on newly added hard drive, Managing, Maintaining and Troubleshooting.

iSCSI: Installation, Configuration and Troubleshooting of iSCSI and iSCSI Server.

MySql and PostgreSql:

Database: Create new Database; Create Tables; Insert, Modify, Update and Delete operations on Tables.

Query: Select and Select-Where operations for on Tables.

Users: Create Users; Grant and Revoke operations on Users for giving and taking away permissions on a particular Database or Databases.

Backups and Restores: Backups and Restoration of Database.

#### Virtualization:

VirtualBox: Installing, Configuring and Troubleshooting.  
KVM: Installing, configuring and Troubleshooting.  
VMware: Installing, configuring and Troubleshooting.

#### Monitoring Tool:

Nagios.  
New Relic.  
Wily.  
SignalFx.  
Grafana.  
CloudWatch.  
Datadog.  
Sentry.

#### Cloud Computing:

AWS.  
Openstack.  
Google Cloud.  
Google Kubernetes Engine.  
Elastic Kubernetes Service.  
Netmagic.  
Nextgen.

#### Log and Service Messages Processing and Monitoring:

Kafka.  
Elastic Search.  
Kibana..

#### Server Configuration Management Tool:

Ansible.  
Terraform.

#### Continuous Integration and Continuous Deployment:

Jenkins.  
CircleCI.  
Spinnaker with Packer.

#### Source Code Management Tool:

Git.  
Gerrit.  
Bitbucket.

#### NoSql Database:

Cassandra.  
Redis.



Container:

Vagrant.  
Vagrant with Docker.  
Kubernetes with Docker.

Ticketing Tool:

Jira.  
Pagerduty.  
Trello.  
Asana.

Load Balancer:

F5.  
ELB.  
Nginx.

Scripting:

BASH Scripting.

Incident Management.

**PERSONEL PROFILE:**

FATHER' NAME: Mr. SHEO DAS  
PERMANENT ADDRESS: INDIRANAGAR, LUCKNOW  
NATIONALITY: INDIAN  
LANGUAGE KNOWN: ENGLISH, HINDI, PORTUGUESE (BEGINNER),  
SPANISH (BEGINNER)

**DECLARATION:**

I HEREBY DECLARE THAT THE ABOVE MENTIONED INFORMATION IS CORRECT TO  
THE BEST OF MY KNOWLEDGE

DATE:

PLACE: BANGALORE

(PRANAV KUMAR GUPTA)

**Address:**

No:#885/17,3<sup>rd</sup> A main,10<sup>th</sup> Cross  
Diwandrapalya

Yeshwanthpur  
sandeepbn2014@gmail.com.  
Bangalore-22

**Ph(M):**  
9945100808

**Email:**

**SANDEEP.B.N****Career Objective:**

To take a challenging and high performance oriented role in the field of Computer engineering and implement the expertise and experience gained in this field to develop complex project with efficiency and quality.

**Education:**

BE-Computer Science-60% VTU  
Year of Passing -2009  
Sri. Venkateshwara College of Engineering, Bangalore

**Technical Skills:**

Scripting Languages:	Python, Yaml
Version Control Systems:	Git, Github
Automation/Build Tools:	Jenkins
Monitoring Tools	IBM Tivoli, Nagios, Cloud watch, Solar Wind, Zabbix, Prometheus
App & Web Servers:	Tomcat , IIS
Databases:	Mysql,
Virtualisation:	VMWare, Docker, Amazon AWS/EC2
Configuration :	Ansible, Terraform
Containerization:	Docker, Docker Swarm Kubernetes (Basic)
Platforms:	Windows, Linux
Network/ Infrastructure:	TCP/IP, DNS, DHCP, LDAP, AD

**Professional Experience : 8.5 Years Experience in DevOps / Production Support**

- Current Working: Harman Connected Services Pvt Ltd as Sr Software Engineer (May 2016 to Till Date).
- 2.6 yrs Experience in Sheeltron Digital Systems Pvt.Ltd. as Technical Consultant.( Oct 2014 -May 2016).
- 2.8 Yrs experience: IBM INDIA PVT LTD AS Sr Software Engineer (from Feb 2012 to Oct 2014).
- 2 Yrs experience in Dept Of Information Technology Govt. of Karnataka as IT Consultant (July 2009 to Jan 2012).

## Project Experience : Latest Web Application Project

Project Name / Client	DCG UK project
Role and Duration	L2 Application Support Devops
Tools	Jenkins, Kubernetes, Docker, AWS , Ansible
Responsibility	<ul style="list-style-type: none"> <li>• Worked within the Cloud for integration processes. Performed DevOps for Linux and Windows platforms. Focused on automation and integration. Monitored developed applications and fixed bugs.</li> <li>• To achieve Continuous Delivery goal on high scalable environment, used Docker coupled with load-balancing tool Nginx .</li> <li>• Virtualized the servers using Docker for the test environments and dev-environments needs, also configuration automation using Docker containers..</li> <li>• Checking Security for the application. Assist developers in managing version control branches using GIT.</li> <li>• Respond constantly and aggressively to automated test and build issues. Interact with QA to debug and also resolve identified issues.</li> <li>• Installing and configuring Terraform and building the infrastructure using terraform configuration file.</li> </ul>

Project Name / Client	LMLT - CitySprint UK Client-Courier
Role and Duration	Release Mgmt and manual testing May 2016-June-2017
Tools	Java, Tomcat, Jenkins, Git, Maven, JIRA Kubernetes
Responsibility	<ul style="list-style-type: none"> <li>• Worked within the Cloud for integration processes. Performed DevOps for Linux and Windows platforms. Focused on automation and integration. Monitored developed applications and fixed bugs.</li> <li>• Wrote code and designed continual updates.</li> <li>• Hands on experience in installation, configuration, supporting and managing Hadoop Clusters using Apache, Yarn distributions. Hadoop Cluster capacity planning, performance tuning, cluster Monitoring, Troubleshooting.</li> <li>• Checking Security for the application. Assist developers in managing version control branches using GIT.</li> <li>• To achieve Continuous Delivery goal on high scalable environment, used Docker coupled with load-balancing tool Nginx Resolve technical issues working with Trading Systems Specialists associated with development and real time fixes.</li> </ul>

Project Name / Client	Ladbrokes -Betting and Gaming UK Client
Role and Duration	Release Mgmt and manual testing Feb-2015- May 2016
Tools	PHP,MySQL, Javascript, Jenkins
Responsibility	<ul style="list-style-type: none"> <li>• Perform as technical liaison for Engineering and Operations on every aspect associated with final builds and control baseline issues.</li> <li>• Prepare, evaluate and maintain tools supporting and process automation for software or hardware product release.</li> </ul>

	<ul style="list-style-type: none"> <li>• Perform with project teams to identify apt build schedule and initiate packaging and build process.</li> <li>• Ensure to compile and assemble software through source code and store tools in source control.</li> <li>• Design, manage and execute tools and scripts to develop different versions of products on wide-range operating systems.</li> <li>• Perform with others for analysis, evaluations along with design options and execute process improvements.</li> <li>• Correct build errors working with development engineers.</li> <li>• Respond constantly and aggressively to automated test and build issues.</li> <li>• Interact with QA team to debug and also resolve identified issues.</li> <li>• Resolve technical issues working with Trading Systems Specialists associated with development and real time fixes</li> </ul>
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Project Name / Client	Risk as a Project -Fidelity Information Systems- Banking
Role and Duration	Devops and Hadoop admin
Tools	IIS , .Net, SQL -Server 2012,Bamboo,Git
Responsibility	<ul style="list-style-type: none"> <li>• Ensures timely implementation of the requested change.Executes change fall-back procedures, in case of a failure during one of the implementation procedures</li> <li>• Updates status of change request. Notifies Operations and/or Service Desk with the status of the change.</li> <li>• Performs Release Management assessment and ensures implementation of the Release Management strategy.</li> <li>• Hands on experience in installation, configuration, supporting and managing Hadoop Clusters using Apache, Yarn distributions.</li> <li>• Hadoop Cluster capacity planning, performance tuning, cluster Monitoring, Troubleshooting.</li> <li>• Used Network Monitoring Daemons like Ganglia and Service monitoring tools like Nagios.</li> <li>• Adding/removing new nodes to an existing hadoop cluster. Decommissioning and commissioning the Node on running hadoop cluster.</li> <li>• Installation and configuration of Sqoop and Flume. Involved in bench marking Hadoop/HBase cluster file systems various batch jobs and workloads.</li> </ul>

Project Name / Client	Transport for london-UK Aug-2012 -Aug 2014
Role and Duration	Infrastructure Operation and Release Mgmt
Tools	IBMUdeploy, PHP, MySql, Git, Nagios,Solar wind,IBM Maximo,Python
Responsibility	<ul style="list-style-type: none"> <li>• Ensures timely implementation of the requested change Executes change fall-back procedures, in case of a failure during one of the implementation procedures</li> <li>• Updates status of change request.Notifies Operations and/or Service Desk with the status of the change.</li> <li>• Performs Release Management assessment and ensures implementation of the Release Management strategy</li> <li>• Respond constantly and aggressively to automated test and build issues.</li> <li>• Interact QA team to debug and also resolve identified issues.</li> <li>• Resolve technical issues working with Trading Systems Specialists associated with development and real time fixes</li> </ul>

Project Name / Client	Bank of Ireland- UK Client -banking Aug-2012 -Aug 2014
Role and Duration	Infrastructure Operation and Release Mgmt
Tools	IBMUdeploy, Java, MySql, Git, Nagios,Solar wind,IBM Maximo,Python
Responsibility	<ul style="list-style-type: none"> <li>Ensures timely implementation of the requested change</li> <li>Executes change fall-back procedures, in case of a failure during one of the implementation procedures</li> <li>Updates status of change request</li> <li>Notifies Operations and/or Service Desk with the status of the change.</li> <li>Performs Release Management assessment and ensures implementation of the Release Management strategy</li> </ul>

Project Name / Client	CarPhone Warehouse-UK Client
Role and Duration	Infrastructure Operation and Release Mgmt -Retails Aug-2012 -Aug 2014
Tools	IBMUdeploy, PHP, MySql, Git, Nagios,Solar wind,IBM Maximo,Python
Responsibility	<ul style="list-style-type: none"> <li>Distributes approved components to the release team.</li> <li>Ensures timely implementation of the requested change. Executes change fall-back procedures, in case of a failure during one of the implementation procedures</li> <li>Updates status of change request. Notifies Operations and/or Service Desk with the status of the change. Performs Release Management assessment and ensures implementation of the Release Management strategy.</li> </ul>

Project Name / Client	Atkins-UK Client
Role and Duration	Infrastructure Operation and Release Mgmt Aug-2012 -Aug 2014
Tools	IBMUdeploy, PHP, MySql, Git, Nagios,Solar wind,IBM Maximo,Python
Responsibility	<ul style="list-style-type: none"> <li>Distributes approved components to the release team.</li> <li>Ensures timely implementation of the requested change. Executes change fall-back procedures, in case of a failure during one of the implementation procedures</li> <li>Updates status of change request. Notifies Operations and/or Service Desk with the status of the change. Performs Release Management assessment and ensures implementation of the Release Management strategy</li> </ul>

Project Name / Client	CarPhone Warehouse-UK -Retails
Role and Duration	Infrastructure operation and Release Mgmt Aug-2012 -Aug 2014
Tools	IBMUdeploy, PHP MySql, Git, Nagios,Solar wind,IBM Maximo,Python
Responsibility	<ul style="list-style-type: none"> <li>Distributes approved components to the release team.</li> <li>Ensures timely implementation of the requested change. Executes change fall-back procedures, in case of a failure during one of the implementation procedures</li> <li>Updates status of change request. Notifies Operations and/or Service Desk with the status of the change. Performs Release Management assessment and ensures implementation of the Release Management strategy</li> </ul>

### Course Completed

- Embedded System and Wireless Mobile Communication (IISC)
- MySql 5.0

- PHP Programming
- Python Programming
- Oracle 10g Database Administration
- Web Technology
- Hadoop 2.0
- **ITIL Trained**

### **Personal:**

Multi-Lingual (English, Hindi, and Kannada).

Hard-working, good communication skills, ability to take responsibility, friendly, team player.

Name : SANDEEP.B.N  
Date of Birth : 10-07-1985  
Nationality : Indian.  
Permanent address : No:858/17,3<sup>rd</sup> A main,10<sup>th</sup> Cross,  
K.N.Extn, Deewandraplaya, Yeshwanthpur  
Bangalore-560022

I hereby declare that the above statements are correct and true to the best of my knowledge.

**(Sandeep.B.N)**

# Priyanka Verma

DevOps Engineer

Email : devpriyankaops@gmail.com

Mobile: +91-8950086998

## Summary

- I am an avid DevOps enthusiast and quick learner with around 2 years of experience, interested in DevOps tools and methodologies.
- Thoroughly involved in implementation of complex CI/CD pipelines and having experience in development of Web enabled applications using UNIX/Windows, Version control, Quality Analysis, Continuous Delivery and Build tools.
- I can take independent responsibility as well as can be a productive team member having the ability to learn quickly and multi-task in a fast-paced environment.
- Microsoft .NET Technologies like TFS.
- Exposure in end-to-end development of software products including requirement analysis, system study, designing, analysis, coding, testing, debugging, documentation & implementation.

## Professional Experience

- Working at Infogain India Pvt. Ltd. as a DevOps Engineer since April 2018 till the present time.

## Skill sets

- |                            |                                 |
|----------------------------|---------------------------------|
| • <b>Version control</b>   | TFS, GIT                        |
| • <b>CI/CD</b>             | Jenkins, TFS Release Management |
| • <b>Tools</b>             | Ansible, Chef, Docker           |
| • <b>Languages</b>         | Java                            |
| • <b>Binary Repository</b> | JFrog Artifactory               |
| • <b>Scripting</b>         | PowerShell, Python              |
| • <b>Database</b>          | SQL Server                      |
| • <b>OS</b>                | Windows                         |

## Education

- B. Tech from Maharishi Markandeshwar University in 2017 with 71%.

## PROJECTS UNDERTAKEN

### Software Configuration Management

**Domain Profile:**

The project involves supporting Mitchell projects for all configuration & deployment needs. The deployment includes server provisioning, Mitchell code deployment & automating code deployment process using various DevOps automation tools e.g. chef, Ansible, Jenkins, PowerShell etc.

**Client:**

Mitchell International

**Duration:**

April 2018 – Till Present

**Description**

- Assigned role for creating CICD pipeline through Jenkins. Also manages and deploy to DEV, QA, UAT and PROD environments for APD business unit.
- It involves various other clients of Mitchell including Europe GT Motive, Progressive etc.
- Did configuration management for various servers. Main task was to develop new Jenkins job for CI/CD pipelining and proper maintenance of them for smoother deployments. It involves various DEVOPS culture.

**Responsibilities:**

- Creating and manging Jenkins Pipelines.
- Development and Testing of ansible roles as part of Chef to Ansible migration project.
- Perform deployments to multiple environments like Dev, QA, UAT and PROD.
- Managing TFS version control tool.
- Continuous Integration of the Codes using Jenkins.
- Support and fix deployment issues.

## PERSONAL INFORMATION

Date of Birth	20 <sup>th</sup> March 1996
Marital Status	Unmarried
Current Location	Noida
Languages	English, Hindi



OBJECTIVE

Looking for an innovative and challenging environment that can fully utilize my capabilities and provide me with an opportunity to be part of the development of the organization.

WORK EXPERIENCE

DevOps Engineer with OpsTree of total 5 years and 8 months of experience and well versed with knowledge over Cloud Infrastructure (AWS), SCM (Ansible), CI/CD (Jenkins), Spotinst, and Linux Administration.

TECHNICAL SKILLS

Cloud Infrastructure	:	AWS, EC2, ELB, Auto Scaling, IAM, VPC, Load Balancing, ECS, ECR, Codedeploy, RDS, SQS, SNS, CloudWatch, DMS Service (Data Migration Service)
Scripting Languages	:	Shell Script
Continuous Integration	:	Jenkins
Orchestration tools	:	Ansible
Web Server	:	Nginx, Apache-Tomcat, Apache
Version Control	:	Git, GitHub, Gitlab, Bitbucket
Database	:	MySQL, RDS
Operating System	:	Linux (Ubuntu & CentOS)
Build Tool	:	Maven, Gradle
Containerization	:	Docker, ECS
Infrastructure Automation	:	Terraform
Monitoring tools	:	Prometheus with Grafana, Nagios, New Relic (Infra + Api Monitoring)
Central Logging	:	ELK, SumoLogic
Continuous Cloud Optimization	:	SpotInst (Spotinst automates cloud infrastructure to improve performance, reduce complexity and optimize costs.)

EMPLOYMENT SUMMARY:

EMPLOYER NAME	DURATION
TECHPRIMO SOLUTIONS PRIVATE LIMITED (OPSTREE SOLUTIONS)	APR 19 - TILL DATE
APPINVENTIV TECHNOLOGY PVT. LTD.	MAR 18 - APR 19
LUMATA DIGITAL PVT. LTD.	JUNE 14 - JAN 18

## **KEY PROJECTS**

### **PROJECT @ OPSTREE DEVOPS ENGINEER**

#### **Roles and Responsibilities:**

- Set up highly available CI/CD dev. environment using Ansible/Jenkins.
- Worked with various features of the Version Control System (Bitbucket & GitHub)
- Configuration management through Ansible roles & playbook.
- Working with AWS services and utilities, Infrastructure development on AWS using various services like EC2, VPC, S3, ELB, Auto-scaling, Load Balancing, ECR and ECS etc.
- Hands on experience in Ansible installation and implementation of Ansible playbook and roles.
- Deployment procedure accomplished via Jenkins.
- Server configurations managed by Ansible.
- Hands on experience Ansible installation.
- Knowledge of Implementation of Ansible playbooks and roles.
- Installing, configuring and maintaining Continuous Integration, Automation and Configuration Management tools.
- Worked with Nexus artefacts repository.
- Worked on various Monitoring tools (Prometheus with Grafana and Nagios)
- Worked with ELK for easily searching, analyse and visualize logs generated from any source.
- Implementing monitoring and reporting solutions across a range of environments and platforms
- Setting up and introducing Continuous Deployment processes and advising on best practice

### **PROJECT @ APPINVENTIV DEVOPS ENGINEER**

#### **Responsibilities:**

- Set up Ansible for Software Configuration.
- Used Gitlab and Github for Version Control System.
- Integrated Jenkins for build automation.
- Integrated Gitlab CI pipeline for build automation.
- Used terraform for Infra management.

### **PROJECT @ LUMATA DIGITAL OPERATION ENGINEER**

#### **Responsibilities:**

- Monitoring performance of server through nagios.
- User management: Creation, Deletion and give right permission to users.
- Monitoring and managing client's server with agreed SLA through Nagios monitoring tool.
- Monitoring alarms and creating jira tickets and escalate tickets according to escalation matrix.
- Software Configuration Management through Ansible roles and Playbook.

## **ACADEMICS**

- B.Tech (Information Technology and Engineering) from SRM University, Chennai in 2014
- Senior Secondary School from BSEB Board, Bikramganj (Bihar) in 2010
- Secondary School from BSEB Board, Bikramganj (Bihar) in 2008

## **Certifications:**

- SAA-C01:- AWS Certified Solutions Architect - Associate
- SUMO Logic Certified :- FUNDAMENTALS

## **DECLARATION**

I hereby declare that all the information provided above is true and authentic.

**Place:** (Rahul Kumar)

**Date:**

# Himanshu Chowdhary

## DevOps Engineer

mail@himanshu.io

9686446787

linkedin/himanshuchowdhary

Mumbai

### Projects

#### Infrastructure as a Code

January, 2020 – Present

The objective of this project is to get all the tasks that we do on UI or some ad hoc scripts committed as code and changes should be applied via Jenkins pipelines. Changes to infra would be done by creating PRs and upon approval those would be applied.

#### AMI based deployment pipelines

August, 2019 – October, 2019

Objective was to use immutable server pattern to solve the problem of snowflake servers. The deployment done until now was using rolling restart pattern. AMI based deployment solves this problem. Several tools were evaluated in this including an in house written script.

#### Container Based Disposable Environment

June, 2019 – September, 2019

Objective was to make reproducible environments based on docker containers so that it is cheaper and quicker to launch, test and destroy. All the applications were dockerized. Designed and implemented a docker container based environment. Jenkins pipelines were written to manage creation, stop and destruction of these environments. CI and CD was designed and developed around these environments to provide automated and instant feedback to developers about the feature development.

#### Centralized Log Management

January, 2019 – March, 2019

Logs were written on local disks on app servers. Different approaches were evaluated in this project. First of them was traditional ELK Stack. Second solution was Fluentbit, Fluentd and S3 stack which was optimal for our use cases.

#### Disposable Setups

March, 2019 – May, 2019

The project was about creating disposable clones of the production infra on a smaller scale to allow multiple product features to be tested in parallel without impacting other feature delivery timelines.

#### Deployment Pipelines

September, 2017 – October, 2017

Deployment pipelines were created which would do a canary deployment or an automated rolling deployment of applications. This was done using AWS APIs, scripting, Ansible and Jenkins pipeline.

#### AWS Migration

July 2017 – August 2017

To leverage cloud offerings to scale as the business grew Migration of entire tech stack from bare metal servers to AWS. This included writing scripts for creating infra on AWS and creating Jenkins pipeline to run these scripts.

#### CI Migration

May, 2017 – August, 2017

Application build and integration test pipelines were migrated from GoCD to Jenkins. All the pipelines were written as code.

### Experience

#### Senior DevOps Engineer Play Games24x7 Pvt Ltd

October, 2019 – Present  
Mumbai, India

Designing and implementing a comprehensive CI strategy and leading the efforts to implement it. Leading and mentoring a team of 9 engineers in various projects.

#### DevOps Engineer Play Games24x7 Pvt. Ltd.

June, 2018 – September, 2019  
Mumbai, India

Responsible for automating operations across the engineering team.

#### Software Engineer Play Games24x7 Pvt Ltd

December, 2017 – June, 2018  
Mumbai, India

Responsible for solving existing tech debts and developing product features.

#### Manager Analytics Aditya Birla Payments Bank

May, 2017 – December, 2017  
Mumbai, India

Responsible for developing interactive dashboards that would help in slicing and dicing data.

#### Data Engineer Capgemini India

June, 2015 – May, 2017 Mumbai, India

Responsible for developing data pipelines and ETL jobs for big data.

### Education

#### Bachelor of Technology

Indian Institute of Technology,  
Kharagpur  
July, 2011 – August, 2015

#### Higher Secondary School

Nalanda Academy, Kota 2009–2011

#### Senior Secondary School

City Montessori School, Lucknow  
1998–2009

# Rajat Gupta

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## CONTACT INFORMATION

(+91)8084193625  
linkedin.com/in/rajatx185  
rajatx185@gmail.com

## EDUCATION

**Indian Institute of Technology(ISM) Dhanbad, India** *2013 - 2017*  
*Bachelor of Technology in Computer Science and Engineering*

## TECHNICAL SKILLS

Linux, CI/CD, Ansible, Shell Scripting, Openstack, AWS, Jenkins, Docker, Kubernetes, Helm, Zabbix, Prometheus, Grafana, Git, Nexus, Maven, Gerrit, Jira, Confluence, Python, Microservices

## WORKING KNOWLEDGE

Apache, Haproxy, Nginx, Terraform, ELK, Databases, C, C++, Java, Networking, System Design, Data Structures, Algorithms, OOPS, Django

## INDUSTRIAL EXPERIENCE

**Amdocs, Pune, India** *July'17-Present*  
*DevOps Engineer*

### Infrastructure

- Deployment, migration, monitoring and troubleshooting of Core Services.  
**Core Services:** Openstack, KVM, Gitlab, Gerrit, Nexus, Jenkins, Prometheus, Grafana, Zabbix, Jira, Confluence, Openldap, NFS, SonarQube, DNS, Automan
- Created backup automations for Core Services.
- Executed Disaster Recovery Protocol.

### Research and Development

- **Network Function Virtualization(NFV)**
  - Supported automations for monolithic application development.
  - Added features to CI/CD and product deployment pipelines for micro-services based development.
  - Provided resolution for critical bugs in CI/CD pipelines.
  - Worked with the security team for DevSecOps POC.  
**Tools:** CheckMarx, Appspider, OWASP Dependency-Check, Threadfix.
- **Decomposition Orchestration Platform(DOP)**
  - Certified DOP on AWS.
  - Designed and built the microservices based CI/CD and product deployment pipelines on top of Openstack.  
**Tools:** Jenkins Multibranch Pipeline, Ansible, Shell Scripting
  - Worked with the development team to implement Postgresql and Prometheus based monitoring for DOP hybrid solution.
- **ONAP Hosted Development Environment(HDE)**
  - Supported complex manual and automated procedures for deploying latest releases of AEE to HPE Openstack.
- **Automation Manager (Inhouse On-demand automation tool)**
  - Added new features and capabilities to Automation Manager.
  - **Application Stack:** Django, Python, Nginx, Haproxy, Postgresql, ELK etc.

### Delivery and Operations

- Created hotfix testing pipelines for Comcast.
- Designed and built the microservices based CI/CD and product deployment pipelines for delivery accounts like Comcast, Globe and Vodafone.  
**Tools:** Jenkins Pipeline, Ansible, Shell Scripting
- Created custom kubernetes deployment for Comcast and Globe.
- Developed zabbix templates for Comcast production monitoring.

## ACHIEVEMENTS

- Certificate of Excellence, Amdocs Open Network, 2019.
- Spot Award, Amdocs Open Network, 2019.
- Secured **AIR 4185** in IIT-JEE Advanced Examination 2013.
- Secured **3rd Position** in Hackfest ISM Dhanbad 2016.

## INTERESTS

- **Marathons**, Teaching and Reading.

**Arun Patel**

**8th Main, Btm 2nd stage , Bangalore.**

**Phone: (+91-7411704267); Email: [arunp7080@gmail.com](mailto:arunp7080@gmail.com)**

Having 7 years' experience in private and public **Cloud** operations, AWS tools, infrastructure automation and have experience in shell scripting. Currently working on technologies like **Docker**, **Openshift**, **chef** for configuration, **Kubernetes (Kops)** for Pods/containers management.

**Certifications:** Redhat OpenStack Engineer  
Redhat Certified Engineer

**Work Experience:**

**Netskope (DevOps Engineer) June-2018 till Oct-2019 :**

- Setup scale applications on kubernetes on local stack and development environments
- working with jenkins and plugins to automate tasks, automate jobs using groovy scripts
- POCs on container apps such as Screwdriver.cd and manage its scaling.
- K8 cluster setup on physical nodes, deployments of pods, services, volumes, pvcs.
- Automate tasks using bash and python
- Automation with ansible (certificate deployments, service restarts, jenkins plugins setup, etc)
- workflow with jira and manage tasks

**Capgemini (DevOps Engineer) Mar-2017 to June-2018 :**

- POCs on **dockerizing** the applications using core **docker** command line utilities.
- Working on **Kubernetes** platform for container/Pods management with console and using client tools (**kubectl**).
- Setup **CI/CD** for microservices using **Jenkins** jobs and integrating **Github webhooks** for automated build and deploy the build using Kubectl utilities.
- Automation of jobs on **Jenkins** such as user creation/deletion, patch updation, Disk check report on instances.
- Scaling the applications using **kubernetes** command line with deployment config.

- Making yaml configuration for PersistentVolumes, services, deploymentConfig, Pods creation.
- Troubleshooting with openshift logs for resolving issues such as “pod down”, “routes not created”, “persistentvolumes couldn’t be created”, etc.
- Setting up **Kubernetes** on local setup for running testing environment of applications.
- Done POCs on customer’s onsite location (**Germany –Erding**) for 2 months. (Api services/application migrations to **micro services** on **OpenShift clusters** and attending trainings on present project.)

#### **Minjar Cloud solutions (DevOps Engineer) Feb-2016 to Mar-2017 :**

- Worked on AWS tools such as EC2, ELB, autoscaling, cloudformation templates, s3, IAM (roles and policies), RDS, S3.
- Setup jobs in **jenkins** for different environments (UAT/PROD) for tasks as per customer’s requirements.
- Creating scripts like AMI creation/deletion, snapshot creation, older images/snapshots deletion and implementing these tasks as cronjobs.
- Worked on **jboss server**, migration and up-gradation to latest versions.
- Migration of mysql server to RDS using AWS console and SQL queries.
- Migration customer’s application on AWS and making them use different services.
- Scaling applications using autoscaling policy and setup scaling parameters on CPU utilization.

#### **Gigapros networks LLC ( Systems engineer) Sep-2012 to Dec-2015:**

- Provide various level support to all web-hosting customers via tickets and chats 24X7 on different shifts.
- Commutation with datacenter proactively to resolve customer’s issues regarding dedicated servers and control panels.
- Maintaining various flavored linux systems like Ubuntu, Centos, RHEL and common services, vsftpd, samba, apache, log rotationing.
- Worked with control panel such as cpanel, plesk, virtuoizzo for administration of accounts.
- Administration of webserver like tomcat, apache and their troubleshooting. Managing multiple web server on a single server.
- Setup customer’s application from scratch on dedicated servers (installing OS, setup Raid, installing control panels and setup domains).

- Monitoring servers with Nagios and setup hosts to get alerts for memory, CPU and disk usage of linux systems.
- Disk partitioning, nfs server management, LVM management.
- Migrating customer's websites on servers by moving files and databases with rsync and extracting with SQL commands/queries, managing mysql server.

### **Personal Profiles**

- Date of Birth : 05-10-1990
- Languages Known : English, Hindi
- Education : Bachelors of computers application

### **Declaration**

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

**Arun Patel**



**Professional Summary:**

- Worked as **Sr. Cloud Operations Engineer** with **VMware** and having total experience of **9 years**.
- **Deployment and configuration** of **Software Defined DataCenter** with **ESXi/vCenter** and **Foreman**.
- **Deployment, Configuration and management** of **VMware vCloud Director**, **OpenStack** and **Amazon Web Services**, **Microsoft Azure**.
- **VMware NSX** and **Infoblox IPAM** used for **network management** and **configuration**.
- **VMware vSAN** and **Datastore** has been used for **storage management**.
- **VMware vRealize Operations Manager**, **vRealize LogInsight** and **Nagios** has been used for **log management, monitoring and analytics**.
- **vRealize Automation (vRA)** and **VMware Cloud Foundation (vCF)** have been used to deploy and run a **Hybrid Cloud**.
- **vRealize Orchestartion** and **Terraform** used for **Infrastructure-as-a-Service (IaaS) Automation**.
- **SDKs, REST API, CLI, PowerShell/Shell, Perl** and **Python** has been used for **scripting** and **Automation**.
- **Team Foundation Server (Azure DevOps Server)**, **Git** and **Bitbucket** used for **version control**.
- Used **Jenkins** for **Continuous Integration** in Cloud environment.
- **Docker, Containers** and **Kubernetes** used for **Continuous Deployment**.
- **Ansible** used for **Configuration Management**.
- **Bugzilla, JIRA** and **Confluence** tools have been used for **bug reporting** and **documentation**.
- Worked on **SSIS, SSRS, SSAS (MSBI) SQL Server** and **C# .Net** for **ETL, analysis and reporting**.
- Participated in **development, designing, performance tuning, code review, problem diagnosis** and **bug reporting**.

**Certifications:**

- **VMware Certified Professional 6 – Data Center Virtualization (VCP6-DCV)**
- **VMware Certified Professional 6 – Cloud Management and Automation (VCP6-CMA)**
- **VMware Certified Professional 6 – Network Virtualization (VCP6-NV)**
- **Microsoft Certified Technology Specialist: SQL Server 2008**, Database Development.

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**Professional Experience:**

- Worked as **Sr Cloud Operations Engineer** with **VMware Software India Pvt. Ltd.** from July 2014 to till now

**Role and Responsibilities:**

Being part of cloud operations team, my responsibilities are to **monitor and manage VMware OneCloud** environment. I have closely worked on native products for virtualization such as **vSphere, vCloud Director, AWS, OpenStack, Azure, NSX, vSphere Integrated Containers, VMware Cloud PKS (Kubernetes clusters)** and **vROps** to leverage our stakeholders with a solid, consolidated and fully managed Software-Defined-Data-Center

Stack.

Used **Python, PowerShell, Perl, JavaScript, REST APIs, vRO and Terraform** for **IaaS orchestration** and automation.

**Ansible, Jenkins, Docker** and **Container** has been used for **CI/CD** operations.

**VMware vRealize Automation (vRA)** and **vCloud Foundation (vCF)** used for **Hybrid cloud management**.

**Being the senior most engineer in the team, leading the team of 10 engineers.**

Worked closely with **VMware Field contacts e.g. VMware Professional Consultants, VMware Technical Account Managers** and **Solution Engineers** while working towards a solution to a technical issue in VMware related products in production environment and for product demo to customers.

- Worked as **Software Consultant** in **Unisys Global Services India Pvt Ltd.** from Feb 2011 to June 2014.

#### **Project: LBG Data Migration:**

It was a Data Migration project. Lloyds Banking Group (LBG) is going through the major integration of the Lloyds TSB and HBOS businesses. Within the Mortgages area, LBG has selected UFSS as the mortgage servicing platform. There is a need to convert existing mortgage books onto UFSS. The largest of these books is on the Borrowers system, where the majority of the existing HBOS business is processed. Here the input data is in EBCDIC and ASCII form, SFM (source file manager) keeps looking for the input file, the whole transformation was supposed to be completed in a 4-6 hour window. We load this data into database and apply the business logic and generate the output file which is being again used in UFSS for further processing.

#### **Role and Responsibilities:**

Created and maintained database table scripts, views, cursor, triggers and stored procedures.

Created segment packages to load data from ASCII and EBCDIC files to database.

Developed and tested the workflows for data migration using Microsoft SQL Service Integration Services (SSIS and SSRS).

Performed unit testing and system testing.

#### **Project: URBIS**

URBIS is wholesale banking product provided by UNISYS which is used by many banks. URBIS runs on Unisys mainframes, Linux, Unix and Windows operating system.

#### **Role and Responsibilities:**

Enhancement and maintenance of banking application using **C#** and **MS SQL Server**.

Analyzed enhancement request and prepared UML diagrams.

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#### **Educational Qualification:**

- **M.S. in Software System** from **BITS Pilani** at 2014.

➤ **B.Tech. in Information Technology** from Shri Ramswaroop Memorial College of Engineering and Management Lucknow, affiliated to U.P. Technical University Lucknow, in 2010.

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# Sanjog Kumar Dash

DevOps Engineer



## Personal Info

### Address

HN A706  
Durga petals, Doddanekundi  
Bengaluru- 560037

### Phone

+91 9658239118

### E-mail

sanjog152@gmail.com

### Date of birth

1991-03-27

### GitHub

<https://github.com/sanjog152>

### LinkedIn

<https://www.linkedin.com/in/sanjogdash/>



## Skills

Python



PHP



Shell Script



Amazon Web Services



Kubernetes



Docker



Elasticsearch



Linux



## Summary

Knowledgeable Devops Engineer skilled in programming, software development, devops and automation. Works well under pressure and consistently meets deadlines and targets while delivering high quality work.



## Experience

### SDE II

Tathastu

- Expertise in infra/app automation engineering.
- Expertise in IAC tools/ framework like terraform, ansible.
- Architect and developed one production level Kubernetes platform from scratch (Ubuntu/kubeadm/terraform) with logging, monitoring, CD, helm packaging and spinnaker.
- Automating and managing streaming / batch data platform stack like NiFi and Debezium.
- Strong incident management and troubleshooting skills.
- Well versed with CI tools like gitlab CI, jenkins and travis CI
- Well versed with CD tools like jenkins 2.0, spinnaker, ARGO CD.
- Strong knowledge in prometheus stack (prometheus, thanos, alert manager and grafana)
- Strong knowledge in graylog and ELK stack.

### DevOps Engineer II

Swiggy

- Experienced in maintaining high traffic, complex infrastructure.
- Designed, developed and maintained high available micro service clusters to achieve minimum downtime and maximum outcome.
- Built Kubernetes platform with maximum automation. ( 0 downtime deployment, logging, monitoring, traffic shadowing, service mesh etc )
- Responsible for cloud cost management and developed one in-house cost analytics dashboard for maximum visibility and observability of our aws cost.
- Designed Volkh, one in-house tool to install production grade kubernetes clusters on demand on any platform ( aws, GCP, baremetal )
- Developed fleet and flot, two inhouse CI/CD tools to deploy a large number of microservices to any environment( Dev, Staging, Pre-prod, prod ) at scale.
- Good knowledge in CNCF tools like envoy, istio, ambassador, helm and telepresence
- Sound knowledge in Prometheus, Grafana, datadog, newrelic, sensu and ELK stack to implement logging and monitoring platform.
- Experienced in managing DDoS attack, production outages and capacity planning.
- Knowledge in redis, kafka, elasticsearch and jenkins.
- Good knowledge in Python and Shell script.

present

07-2017 -  
12-2018

06-2016 -  
07-2017

Software Engineer

Wizergos Software Solution Pvt Ltd

- Collaborated with developers to enhance supportability and identify performance bottlenecks.
- Aws resources compliance management using AWS config.
- Wrote automation scripts using Python , Php and Shell script to automate docker orchestration.
- Private Docker registry management, docker image creation and provisioning.
- Docker clustering and container fleet management using docker swarm and KV method.
- Continuous integration and continuous delivery setup using jenkins, python, docker and github.
- Automated data backup and data recovery system design.
- LINUX server administration and configuration using Ansible playbook.
- Onpremise debian package build automation using docker, shell script and python.
- Implemented centralized Docker containers monitoring system using Sensu client & server.
- Implemented Elastic stack for centralized log discovery and management.
- Elasticsearch installation, configuration and tuning.
- Apache2 and Nginx setup and tuning.
- Mysql administration and scaling.
- RabbitMQ management, mnesia database management for queue jobs.

08-2015 -  
05-2016

Sr Software Developer

Browntape Technologies Pvt Ltd

- Led a team of Devops engineers to maximize operational efficiency of browntape cloud products.
- Responsible for scaling,security and performance enhancement of whole stack.
- Backend automation and new product architecture design.
- Amazon web services infrastructure management.
- Security assessment test and vulnerability fixing.
- Implemented CI / CD pipeline using python, git and jenkins for automated code deployment.
- Mysql server administration,scaling and management.
- Elastic(ElasticSearch / Logstash / Beats / Kibana) stack administration,management and scaling.
- Elasticsearh data modeling and scaling
- HHVM PHP Server Administration, tuning and scaling.
- Nginx Administration and Configuration.
- implemented Nagios core and client to monitor non AWS servers.
- Installation and configuration of gerrit and jenkins for automated code review with continuous integration.

11-2013 -  
06-2015

Freelance Software Developer

Freelance

- Evaluated multiple software solutions during early software architecture plotting and system migration planning stage.
- Built, tested and deployed scalable, highly available and modular software products.

- E commerce and custom cloud based application development using Laravel, Codeigniter, Magento and Cakephp for SME clients from EU and US region.
- Consulted existing application migration process to amazon web services and digital ocean cloud and developed related automation eco-system for CI/CD and log management.

03-2013 -  
10-2013



## PHP Developer

### Arcweb Designing LLP

- Designed and developed number of web applications using Codeigniter, laravel and cakephp.
- Built databases and table structures following n-tier architecture methodology for web applications.
- Modified existing software to correct errors, adapt to new infrastructure and improve performance.
- Worked closely with clients to establish problem specifications and system designs.
- Performed regression and system-level testing to verify software quality and function before it was released.



## Education

2008 -  
2012



## Btech, Centurion Institute of Technology

- Graduated with 7.56 CGPA

2006 -  
2008



## 10+2, Nayagarh Junior College

- Passed this course with 62% mark

2005 -  
2006



## HSC, Bahadajhola High School

- Passed this course with 77% mark



## References



References available upon request.



## Interests



Backpacking tours with friends and exploring new places.



Open source contribution and answering questions on Quora and stackoverflow.



Writing blogs on quora.

**Chinnayalu MVRSM**

**Mobile: +91-8951390580**  
**Email: chinna1231@gmail.com**

A Technology oriented professional having rich experience in analysis, design development, documentation, implementing and testing of software systems in Java, J2EE technologies.

**Professional Summary:**

- 8+ years of experience in development and implementation of Amazon web services, Web, Distributed & Client-Server applications using Object Oriented Technologies
- Solution Architect in AWS Webservices
- Worked extensively in **Java 1.5/1.6/1.7/1.8, J2EE, RESTful Web Services, JDBC, Spring MVC, Spring, Spring Boot, Hibernate and J2EE Design Patterns, Data Structures,JSF, Primefaces, Rich faces, JPA and Jboss seam Framework.**
- Proficient in Object Oriented Analysis and Design
- Experience in **JBPM** (Java Business Process Management)
- Experience in trouble shooting **Out Of Memory issues** in java
- Experience in handling **performance and scalability**
- Experience in **Java Concurrency Management**
- Experience in **Linux**
- Experience in Identity Management and Mobile Device Management product
- Experience in Single Sign-On using Form Fill and SAML
- Has strong analytical and trouble shooting skills
- Had collaboration with different teams across Geos
- Has strong ability to learn new Technologies in a short span and implement software applications using the same
- Highly motivated, worked as Technical Lead, Individual Contributor as well as Team Member
- Strong Knowledge on Application Development using Software Development Life Cycle (SDLC) by using Agile methodology and worked as Scrum Master
- Strong Initiative, teamwork, responsible, leadership and communication skills.
- Extensive interaction with QA team, Project Management to develop applications in compliance with business needs.
- Exploring Micro services and cloud technologies
- Hands on experience with Spring Boot
- Experience on Angular frameworks
- Experience on Liferay Development
- Perusing German language – Completing A1
- Implemented Integration tools like IRIS Scan, Biometric Device, Authentication device(Emudhra)
- Implemented Health care implementation with CIIMS
- Experience in AWS Services like IAM, EC2, Cloud Watch, Amazon S3,EBS,EFS,VPC,Amazon RDS, Amazon Redshift, Amazon Dynamo DB,SNS,SQS,SWF,Dynamo DB, AWS Lambda Function
- Experience in Azure Cloud Services
- Experience in Dockers, Kubernetes

**Academics:**

B-tech from GVPCE,JNTU University, Visakhapatnam, Andhra Pradesh.

**Technical Skills:**

- Programming Languages : Java, J2EE
- Frameworks : Spring Boot, Hibernate, Spring, Spring MVC, Struts

- Database : Oracle, MySQL
- Web/Application server : Tomcat, Jboss
- Operating Systems : Linux, Unix, Windows 2003/2008
- IDE Environment : IntelliJ, Eclipse, STS, Visual Studio
- Financial/Workflow tools : BPMN, JBPM
- DevOps : JIRA, SVN, Jenkins
- Performance Tools : JMeter
- Version Controls : SVN
- Unit Testing Technologies : Junit, TestNG
- Build Automation tool : Maven, ANT, Gradle
- Methodologies : Agile
- Code Scan/Review Tools : Sonar
- Test Automation : Selenium
- Other tools : WinSCP, Putty, MS-Office, XenServer, SQL Developer

### Experience:

**01/2019 – Present      SRIT India Private Limited,**  
Associate Technical Manager, **Bangalore**

### YSR Aarogyasree:

**Aarogyasree** is the flagship scheme of all health initiatives of the State Government with a mission to provide quality healthcare to the poor. The aim of the Government is to achieve "Health for All". The scheme provides financial assistance to BPL families to meet the catastrophic health needs.

### Roles and responsibilities:

- Working as a Technical Lead/Team Member/Individual Contributor by following Agile methodology, work allocation, running the standups/sprint, grooming sessions, planning sessions, showcases as a scrum master.
- Acting as technology expert on the team and contributed to architecture, design, development and deployment activities in the project
- Designed, presented technical solutions in Design Authority Meetings and implemented them.
- Involved in all requirement discussions with PO teams (grooming, planning) and technical teams.
- Co-ordinate with developers in other locations to provide Design direction and Development of Java/J2EE components.
- Interact with business users & application teams as needed to understand business problems and deliver efficient solutions to address them.
- Worked on Web application developed using Java, J2EE, RESTful web services, Spring, Spring MVC, Spring Boot, Oracle
- Understanding Business Requirements, Changes Requests and technical specifications

### Environment:

**Java, Spring Boot, Spring MVC, Spring Batch, JPA, Hibernate, Oracle, SQL Developer, Web services (REST), Angular JS, Node JS, Maven, STS, Agile, Git, JIRA, Jenkins, GAIA, XML, Control-M, Linux, Liferay Portal, AWS Services like IAM, EC2, EBS, EFS, , Dockers, Kubernetes, Ansible, Chef, Terraforms, Jenkins, Container Creations**



**03/2017 – 03/2018**      **SRIT India Private Limited,**  
Technical Lead, **Bangalore**

### **ESIC (Employee State Insurance Co-operation)**

Employees' State Insurance (abbreviated as ESI) is a self-financing social security and health insurance scheme for Indian workers. This fund is managed by the Employees' State Insurance Corporation (ESIC) according to rules and regulations stipulated there in the ESI Act 1948. It includes ERP, HIS and Insurance system

#### **Roles and responsibilities:**

- Working as a Technical Lead/Team Member/Individual Contributor by following Agile methodology, work allocation, running the standups/sprint, grooming sessions, planning sessions, showcases as a scrum master.
  - Acting as technology expert on the team and contributed to architecture, design, development and deployment activities in the project
  - Designed, presented technical solutions in Design Authority Meetings and implemented them.
  - Involved in all requirement discussions with PO teams (grooming, planning) and technical teams.
  - Co-ordinate with developers in other locations to provide Design direction and Development of Java/J2EE components.
  - Interact with business users & application teams as needed to understand business problems and deliver efficient solutions to address them.
  - Worked on Web application developed using Java, J2EE, RESTFul web services, Spring, Spring MVC, Spring Boot, Oracle
  - Understanding Business Requirements, Changes Requests and technical specifications
  - Has good exposure on JBPM with BPMN
  - Developed a processes for consuming SOAP xml messages from RDI service and load into DB using JAXB
  - Worked on Spring transactions
  - Worked on Performance tuning
  - Involved in designing UI screens using Angular JS and developed the application with TDD
  - Fixed security vulnerabilities reported by Sonar.
  - Worked on EOL to migrate from Java 1.7 to 1.8 as well as tomcat 7.0 to 8.0
  - Involved in KT (Knowledge Transfer) Sessions and peer reviews
  - Handled the release management
  - Started working on Cloud technologies and Micro Services
  - Developed Portlets using Liferay 7 DXP
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- **Environment: Java, Spring Boot, Spring MVC, Spring Batch, JPA, Hibernate, Oracle, SQL Developer, Web services (REST), Angular JS, Node JS, Maven, STS, Agile, Git, JIRA, Jenkins, GAIA, XML, Control-M, Linux, Liferay Portal, AWS Services like IAM, EC2, Cloud Watch, Amazon S3, EBS,EFS, Amazon RDS**

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**09/2014 – 03/2017**

**Robert Bosch of Engineering,**  
Senior Software Engineer, **Bangalore**

## **CRI-SL (Common Rail Injection-Sample List)**

CRI-SL is a common rail injector –sample list, it is communication between sales and development team and it creates the orders for the customers of BMW, Volkswagen..etc and it creates the reports for the customers

### **Roles and responsibilities:**

- Understanding Business Requirement Documents, Changes Requests and technical specifications
- Requirement gathering and Customer interactions
- Designed and implemented Database Layer using Hibernate
- Worked on JPA, Hibernate
- Involved in Cluster Technology
- Worked on Performance tuning
- Worked on Scalability improvements
- Worked on Hibernate Caching implementation
- Worked on Background job management
- Solved database transactional issues in the application
- Resolved code defects and security vulnerabilities using code analysis tools like Coverity.
- Involved in customer issues
- Involved in KT (Knowledge Transfer) Sessions and peer reviews
- Designed pages using Prime faces , Rich faces and JSF technology

**Environment: Java, Hibernate, JSF, Prime faces, Rich faces,Active Directory, MySQL, Linux, REST API, Quartz API, Windows Devices,Angular,Spring boot, AWS Services like IAM, EC2, Cloud Watch, Amazon S3,VPC,AmazonS3**

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## **Health Care : SGPGI(Sanjay Gandhi Principals of Hospitals)**

It provides Billing system, outpatient, in patient and work flow of out patients, Registration, Appointment Scheduling ,Outpatient Care, Doctor's Workbench (DWB), Electronic Health Record (EHR), Nursing Workbench (NWB) and complete health care system.

### **Roles and responsibilities:**

- Understanding Business Requirement Documents, Changes Requests and technical specifications

**08/2012 – 08/2014**

## **SPE(Sony Pictures Entertainment)**

This is a SAAS based application. It provides the Meetings and Events for the people who are attending the Sony Pictures Entertainment

### **Roles and responsibilities:**

- Involved in implementation of Auto provisioning and de-provisioning
- Involved in implementation of gathering identities from Directory Services
- Involved in Implementation of Admin portal includes admin and user management operations
- Involved in Employee Portal and Self-service portals
- Involved in KT (Knowledge Transfer) Sessions and peer reviews

**Environment: Java, JSF, Spring, Oracle, Linux, Active Directory**

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**08/2011 – 09/2012**

**EzeeLink (IDS Software's Limited),Bangalore – Software Developer**

This is a property portal, integrated to a Central Reservation System. It displays “real time” room inventory and with an easy step-by-step Online-booking process it saves customers time to book a room and to confirm a room. It provides both, hotels with and without integration of their inventory to the Central Reservation System, to be listed on the portal. It is capable of listing 3 various types of bookings which are, Online Bookings (for the inventory that is integrated to the Central

Reservation System), Offline Bookings (for those who are not integrated to the Central Reservation System), Pre-Allocated Bookings (it is a hybrid of Online and Offline bookings).

**Roles and responsibilities:**

- Understanding Business Requirement Documents, Changes Requests and technical specifications
- Developing from design to deploy

**Environment:** JBOSS seam,JSF,JPA,Oracle

# SHIVANSHI SRIVASTAVA

## DevOps ENGINEER

✉ shivanshi931@gmail.com ☎ 9140654818 📍 Bengaluru ,India 🔗 [linkedin.com/in/shivanshi-srivastava-934a75bb/](https://www.linkedin.com/in/shivanshi-srivastava-934a75bb/)  
🐙 [github.com/shivansh931](https://github.com/shivansh931)

## EXPERIENCE

### Smallcase Technologies

#### DevOps Engineer-Backend Team

📅 December 2018–Present 📍 Bangalore

- Proficient in scripting languages such as Bash and worked aggressively on automation using nodejs and python.
- Worked on Lambda(mostly Lambda@Edge) to deliver desired content and improve SEO. Also aggressively used lambda for backups, redirections and deployments while scale-up or scale-in in infrastructure.
- Experience managing container-based services in production using tools such as Docker and Elastic Container Service.
- Worked with NGINX proficiently and good understanding of load Balancing and reverse proxy.
- Build Continuous Integration/ Delivery pipelines with automation/ integration tools like Jenkins and CodeDeploy.
- Worked aggressively on infrastructure as a code with CloudFormation and a bit with Terraform.
- Developed end-to-end architecture of SSH key management and user permissions on Environments using Instance-Connect, Ansible and IAM and various scripts. Automated permission management from revoking to granting.
- Worked with Redis and postgres extensively as Redis was the key database for smallcase api and postgres for analytical tracking.From user management to queries, backup, replication and failover. Also had a blog go live for postgres.
- Integrated an api that uses web-sockets and Redis Pub/Sub for streaming live job logs also with stale logs of previously ran jobs with history and metadata.
- Experience with service discovery and monitoring tools as Logstash, Elasticsearch,Kibana, Heartbeat, Filebeat, Elastalert and Grafana.
- Worked with configuration management tools as Ansible for callback scripts and bulk configuration changes. Also used AWX for easier management with Ansible. Also used Packer to easily build machine images.
- Understanding of networking,used OpenVPN and configured Libreswan to create a site-to-site IPsec VPN.
- Enabled secured network integration with various Banks to on board them as brokers on smallcase website.

### Wipro Limited

#### Associate Consultant

📅 September 2017-November 2018 📍 Bangalore

- Prepared and delivered interactive Reports to client for concise understanding their data and its impact.
- Led the Cloud Team from offshore and was awarded star performance for the account in the Analytics vertical.
- Experience in Cloud Computing technologies and worked on compute, storage, backup and visualization.
- Knowledge in EC2,Elastic beanstalk ,S3, EFS,RDS, Redshift, CloudWatch, Autoscaling,Cloud Formation, ElasticSearch, VPC and Route53.
- Take the database reporting needs and turn them into powerful SQL queries that will extract data and compile it into meaningful reports. Perform data loads and routine updates on an ongoing basis.
- Worked upon modeling, assembling and presenting data to help clients understand key insights on overall project.
- Designed and developed modules and scripts to automate access to AWS service APIs for better user experience.

## TECHNICAL SKILLS

Postgresql AWS Services  
Git and Git API Docker and ECS  
JAVA CI/CD Ansible  
Scripting and automation

## STRENGTHS

Ownership  
Cross-cultural communication skills  
Interpersonal influence

## EDUCATION

### B.Tech in Chemical engineering

#### National Institute of Technology, Rourkela

📅 June 2013 – June 2017

8.26

### Intermediate(ISC Board) in Science

#### City Montessori School,Lucknow

📅 June 2011 – June 2012

93.75

## INTERNSHIP

### Market Research Intern

#### Indian Institute of Management,Lucknow

📅 April 2016-June 2016

The Major part was to derive key insights from Harvard Business School case studies, and use them to present a best case scenario, break-even analysis, numbers that state your case.Come up with fact based strategy and make presentations on them based on the methodologies taught by Garr Reynolds.

## ACHIEVEMENTS

🏆 Won the leadership Excellence Award in 2016 at NIT,Rourkela.

🏆 Best Adjudicator at National Law College, Lucknow

# Ankita Barbi

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+91 90089 99116 som.barbie@gmail.com

MCA      2014      NIT WARANGAL      8.31 GPA

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## PROFESSIONAL SUMMARY

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**Software Engineer - TRICON INFOTECH Pvt. LTD.**

**Nov, 2017 – Present**

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### **End to End DevOps implementation for one of the World's Learning Company**

- Implementation of the devops stack for one of the Open Source application LRS and deploying the same to AWS using Jenkins, RPM package, Chef, MongoDB, ElasticCache, HAproxy in their various working Environments.

### **Migration of the in-house application to AWS**

- Architecting the AWS architecture and implementation of the devops stack (immutable infrastructure) for the on premise microservices and migrating the same to AWS using the various devops technology stack like AWS, terraform, Eureka, Jenkins in various working environments.
- Implementing the ELK stack for the same project and also implemented a variant for the same
- Worked on various AWS services like VPC, EC2, S3, Lambda, CloudFront, Elastic Cache, API gateways, Cloudwatch, RDS, SQS and so on.

### **End to End DevOps implementation for one of the biggest e-commerce US Client**

- Implementation of the devops stack (immutable infrastructure) for the on premise microservices and migrating the same in GCP using the various devops technology stack as vault, consul, terraform, packer, GCP, docker, HAproxy
- Troubleshooting and supporting the existing MOSAIC (Microservices Application Infra Centre) environment consisting of GCP, docker, vault, Consul, terraform, Packer, Jenkins
- Deployment of the microservices in blue / green channel

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**DevOps TECHNICAL CONSULTANT - DEVTOOLS Pvt. LTD.**

**SEP, 2016 – Nov, 2017**

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### **End to End DevOps implementation for one of the e-commerce Client**

- Implementing the DevOps stack, to make it simple and user friendly.
- Customizing JIRA, Confluence & Bitbucket – setting it as per the business requirement, integrating Jira, confluence, Bitbucket and Jenkins together to have seamless CI/CD flow.

### **DevOps advice & consultation to one of the Clients**

- Developed DevOps POCs for the various teams which they implemented in their programs.
- Worked with them most on Jenkins, Ansible, AWS, Gerrit, role based access for various tools.
- Was coordinating with the teams to help them overcome the challenges.

### **Upgraded JIRA Core from version 4.4.3 to 7.2 & Customizing Jira to suffice the Business requirement**

- Upgraded JIRA Core from version 4.4.3 to the latest 7.3, considering all the customizations and analyzing the Add-ons supported and not supported after the upgradation for one of the Aerospace Clients in India.
- It included multiple customization and scripting to make it compatible with the upgraded version.
- Advanced customization for various projects in JIRA including workflow, screens, custom fields, auto closure of tickets, scripting internal & external to JIRA to make it compatible to the client's needs.
- It helped them to improve the SLAs effectively.
- Directly communicating with the Business Partners.

### **Leveraging Tableau desktop and Tableau server, developed the business Analytics for Sales vertical**

- Developed the Complex business Analytics for Sales vertical (Dashboards, Stories) for the Annual Board Meeting to ease the visualization and analysis using Tableau Desktop & Tableau server.
- Directly interacting with the business Partners.

### **Provided consultation and advice to various clients on Atlassian suite (JIRA, Confluence, Bitbucket, Bamboo) to resolve their issues and approaching the best practices to implement the stack**

- Playing the role of Atlassian Lead in the Organization
- Shouldering the responsibility of Tableau admin for the Tableau Server in the Organization
- Have completed the Partner Sales Accreditation in Tableau with a score of 91%
- Have successfully completed the Foundation Demo on Tableau
- Had setup the DevOps Environment for the internal use of the Organization using Atlassian suite to leverage CI/CD.

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ASSOCIATE SOFTWARE ENGINEER - CSC INDIA BANGALORE

SEP, 2014 – SEP, 2016

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### **Delivered various business analytics reports under different verticals leveraging Tableau**

- Accident analytics reports for Europe Clients that can help them understand the nature of accidents and occurrences of it so that the concerned team is pro- active.
- Analytics reports on Airplane hazards ejection that causes them to pay hefty fines at airports
- Fraud insurance analytics reports and prediction of the needs for the coming years for insurance clients that can help them have better insights.

### **Leveraging Atlassian suite, implemented and executed the full DevOps stack**

- Using JIRA as ALM tool, Confluence as Knowledge base & Team Collaboration Tool, Bitbucket as SCM and Bamboo as CI/CD tool – setting up the DevOps environment.
- Installing, configuring & integrating all the tools together and using CROWD for SSO.
- Implemented Jira Service Desk to this setup for IT requests.
- The platform used for implementation was RedHat distribution.
- Directly interacting with the Business Partners
- Implementation of DevOps POC using Open Source CI/CD tools as Jenkins/GoCD for the client. The platform used for this implementation was CentOS as well as UNIX distribution.
- Deployment of the builds on various environments were done using Configuration Management tool Ansible
- Docker was used to containerize the application and then deploying it.
- Received Kudos Award for Excellent Execution at CSC India, Bangalore.

### **Azure platform Admin**

- Shouldering the responsibility of Azure Platform administrator and AWS administrator.
- Leveraged Azure to spin up VMs for various projects, for taking up Backups and Active Directory.

### **POCs & Pilot Projects**

- Leveraging Git, Ansible, Docker, shell scripts & CI/CD, created POCs for multiple clients (both internal & External to organization)
- Developed a Pilot Project to capture business ideas. Created REST services using JERSY Framework. The application captured business ideas suggested and the various POCs that were being developed. The database used was PostgreSQL.
- Provided training to different business units on the ALM tool (Enterprise Jira), Team Collaboration software (Enterprise Confluence), SCM (Bitbucket sever and Enterprise GitHub).

- Delivered Tech Talk on JIRA & Confluence in the organization to different business units (Making them more aware of the tool effectiveness and goal was to achieve the best out of the tools).
- Leveraging Azure ML Studio, created a POC that predicted the Flight delay for various airports & created a POC that predicted the exposure of a patient to breast Cancer based on various parameters.
- Leveraging Rapid Miner, created a POC that analyzed suitable weather to play outdoor games.
- Created a Pilot Project in Java that did all the file operations on the list of selected files.

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#### **EXTRA-CURRICULAR ACHIEVEMENTS**

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- Participated in an Essay Competition held during IOCL Week in NIT Warangal, February 2013.
- Participated in a Debate Competition held during IOCL Week in NIT Warangal, February 2013.
- Have been a member of the CRC (Class Review Committee, MCA 2011-14).
- Had been a sub-core team member of SPONSORSHIP TEAM (Cultural Fest in NIT Warangal, February 2013).
- Participated in an Essay Competition held during Vigilance Week in NIT Warangal, November 2011 and secured 2<sup>nd</sup> position it.
- Participated in an Essay Competition held by Dainik Jaagran in Patna Women's College, 2010 and secured 2<sup>nd</sup> position it.
- Participated in a Debate Competition held in Rabindra Parishad, 2002.

# Ruben Rajan Idicula

2865/619 Anugraha, Pulamon P.O, Kottarakara

Kollam, Kerala-INDIA

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## Objective

To succeed in an environment of growth and excellence and earn a job which provides me satisfaction and self development and help me to achieve organisational goal.

## Educational Qualifications

Degree	University/Board	Year Of Passing	Marks
B.Tech. Computer Science and Engineering	Kerala University	2015	6.82 CGPA
Higher Secondary Education	CBSE Board	2010	71.6%
Secondary Education	CBSE Board	2008	80%

## Technical Skills

<b>Operating Systems</b>	Linux, Windows, Mac
<b>Cloud Platforms</b>	AWS, Alibaba Cloud, Google-Cloud, Azure, Dimension-Data, RackSpace, DigitalOcean
<b>CM Tools</b>	Puppet, Ansible
<b>CI/CD Tools</b>	Jenkins, Hudson, GitLab CI
<b>Monitoring Tools</b>	Prometheus, Nagios, NewRelic, Grafana, GrayLog
<b>Ops Tools</b>	Kubernetes, Docker, Consul, Jmeter, Pagerduty
<b>Web/Application Servers</b>	Apache, Nginx, Tomcat, Wildfly, Jboss
<b>Others</b>	Bash, Python, Javascript

## Professional Experience

- SDE-DevOps, Handzap Inc (2019 Feb - Present)
- Senior DevOps Engineer, QBurst Technologies (2015 June – 2019 Jan)

## Projects

1. A Global OnDemand marketplace application where users can instantly hire people or get hired to do various quick jobs. This application is free of cost and catering to Anyone, Any Service, Anywhere. This a feature packed platform involving Chat, Voice and Video Call services built in.

**Technology Used:** SpringBoot, Java, Erlang, NodeJS, API Gateway, Kubernetes, CloudFront, Jenkins,



ECR, Mongo, Aurora MySQL, Aurora Postgres, ElasticSearch, ELK, Prometheus, Lambda, Ansible, Kafka, SSO, AWS, AlibabaCloud, AWS China, Cloudflare, Wangsu, Pushy, MongooseIM, Stun,Turn, WebRTC, Mnesia, JMeter.

### **Role and Responsibilities:**

- Created and designed infrastructure to fit its highly scalable nature.
- Created an environment in Mainland China with different third party integrations to comply with China Firewall restrictions.
- Created a CI/CD pipeline for the automated build involving test case scenarios, inline scans to deployment in Kubernetes in the corresponding environment based on the branch name.
- Deployed Java based backend services in Kubernetes as Microservices capable of scaling each service from 10 to 1000's based on the traffic.
- Implemented custom scaling solutions in Kubernetes, to use Java or Application specific information as condition for scaling up or down instead of just memory and cpu.
- Scalability of WorkerNodes based on number of Pods, status of pods, using Custom Cluster Autoscaler apart from the default ASG
- Deployed Kubernetes in EKS with VPC CNI as networking plugin, ACK with Terway as CNI and Custom build kubernetes cluster with Calico for DR Scenario.
- Created Ansible Playbook for deployment of Chat-Video and Voice call backend using Erlang and MongooseIM.
- Created Image Transcoding function using Lambda and NodeJS for providing images in different sizes based on Mobile device and PWA requirements.
- Created a video transcoding function to create Thumbnail from the video after playing it till a few seconds.
- Deployed ELK for streaming logs from Kubernetes services along with zipkin for tracing.
- Prometheus, AlertManager and Grafana for Monitoring and alerting and NewRelic for Application monitoring.
- LoadTested the environment covering all APIs using Jmeter and tuned the environment to sustain the expected request limit per second.
- Created environment with HA along Fault Tolerance for the components in the environment.
- Tuning ElasticSearch cluster to provide more performance based on replicaset and shards
- Compliance with CIS for all servers being used and security tested and fixed all possible

vulnerabilities mentioned in OWASP.

- Implemented Payment facility Globally in Beta and following Compliance policies to get PCI certification and ISO certification.

2. The application allows users to quickly and easily place images of themselves, other people or any object within photos they are viewing and share them via the app or other social networks along with Image processing.

**Technology Used:** PHP 5.6 / CodeIgniter, REST API, jQuery, AJAX, MySQL 5, Monolog, JIRA, Confluence, SVN, Jenkins, AWS Elasticsearch, AWS ElastiCache, AWS Route53, AWS Redshift, Nagios, Ansible, Jenkins, Kinesis, GrayLog

**Role and Responsibilities:**

- Created new architecture to support a bigger user base.
- Added Nagios monitoring to the service.
- CloudFormation was used for setting up the environment using IAAC
- Using RedShift for keyword Analysis and pushing analytic data using Kinesis.
- GrayLog for service and Log monitoring
- AutoScaling with ALB and automated Launch configuration updates using Ansible
- Server optimisation and hardening to support a huge user base.
- Database access using Route53 weighted load balancing
- Architected the environment to cover HA and DR

3. Android/iOS App to track daily activities using Tracking Bracelet

**Technology Used:** Python, Docker, Jenkins, Android and IOS API, AWS services like CDN, S3, EC2, VPC, RDS, Redis, SQS

**Role and Responsibilities:**

- Setting up the Production and Staging environments
- Creating a docker registry for the project
- Automating the build and deployment process along with AutoScaling AMI updation using Jenkins-CI
- Implementing Green-Blue deployments

- Data migration of Legacy app users
- Automating the backup scripts for Mira Instances and Databases
- Deployment of Production Node JS static files to S3 using Jenkins with Grunt
- Automating server monitoring of dynamic auto-scaled instances in auto scaling group using Nagios , shell scripting and Ansible

3. Website and Mobile Application with capabilities including GPS, Hours Of Service, IFTA mileage reporting, Hours Worked by driver, Accident Scene Management tools, Fuel Tracking, patented Closed Loop Inspection Process including the mechanic, document management system, remote write-up program etc.

**Technology Used:** Wildfly, MLAB, AWS hosting, EC2, Aurora, Mongo,CDN, Ansible, Jenkins, Cloudformation

**Role and Responsibilities:**

- Using Jenkins job with Ansible for Build and Release processes.
- Created Cloudformation stack to build the entire infrastructure
- Ansible for Pre and Post Build jobs.
- Migrating from a standalone Dimension Data server to full fledged HA environment in AWS
- AutoScaling and white labelling of application at the Application Load Balancer end.
- Scaling and Testing based on user base and environment.
- Log and Heap Dump analysis to improve performance and point out issues.
- Monitoring using Nagios and APM.
- Integrating Sonarqube to the build process and building based on Quality Gate ranking.

4. Managing environment (both cloud and on-premise) using Puppet

**Technology Used:** Puppet Enterprise, Bash

**Role and Responsibilities:**

- Hardening servers based on requirement
- Provisioning infrastructure on AWS, Azure, VSphere and HyperV using Puppet
- Creating custom repositories for different Linux flavours like RHEL, SUSE, OEL, Ubuntu etc and updating using the repositories on all machines in the environment
- Patch update module for Windows, Linux and OSX.

- Application server installations on Server

## 5. Building ECommerce platform on Magento Enterprise.

**Technology Used:** PHP, Magento 2.0, Apache Solr, Tomcat, AWS services like CDN, S3, VPC, EC2, RDS, Elastic Cache

### **Role and Responsibilities:**

- Setting Up the Production environment
- Implementing the Failover and DR on the environment
- Software stack installation
- SMTP configuration, S3 mounting on EBS volume
- Automating the scheduled AMI and Snapshots via AWS CLI
- Setting up Virtual Scanner for monthly vulnerability testing

6. This is an API/UI layer for Big Data services where clients can login to web app and access statistics from Big data backend.

**Technology Used:** Hadoop, Zookeeper, HDFS, Spark, Hive, Hue, Oozie, Sqoop, Splunk, Zeppelin, MapReduce, YARN, Jenkins

### **Role and Responsibilities:**

- Setup the cloudera infrastructure and all its related services
- Added Nagios monitoring to the services
- Debugging and fixing all cloudera related issues reported by client
- Adding new services to the cluster
- Testing MapR and Oozie jobs in the cluster

## 7. Others

- Worked as DevOps Consultant for Food Delivery Application and Robotics UIPath based application.
- Worked as a Security Analyst for a Logistics based company and a Government project.
- Worked as L3 Support team member for QBurst.
- Infrastructure architect for many QBurst client projects.
- Worked onsite for an on-premise restricted environment project.
- Worked as an architect for infrastructure setup, design and automating failover concept for projects
- Worked with an online portal to analyse and improve performance of RIAK KV, the clustered DB

## **Declaration**

I hereby declare that the information furnished above is true and complete to the best of my knowledge and belief.

Ruben Rajan Idicula

# Tushar Sappal

## Senior Site Reliability Engineer

India | +918510077660 | [sappal.tushar@gmail.com](mailto:sappal.tushar@gmail.com)

[tusharsappal.github.io](https://tusharsappal.github.io) [github.com/tusharsappal](https://github.com/tusharsappal)



### Professional Summary

Software professional with a demonstrated history of working in the computer software industry, having experience in cloud technologies like AWS and Azure. Skilled in Python, Agile Methodologies, Devops / Site Reliability Engineering Practices, Test Automation, Development. Strong engineering professional with a Master's Degree focused in Software Systems from Birla Institute of Technology and Science, Pilani.

### Work experience

#### Senior Site Reliability Engineer

2018 - Present

##### VMWare

- Leading the Site Reliability Engineering efforts on Monitoring, Logging, Upgrade, Incident Management, Feature Development etc. on our Kubernetes PAAS Solution
- Developing custom monitoring solutions for platform monitoring, uptime
- Feature development, enhancements for the Kubernetes PAAS platform
- On Call activities, Incident management and Postmortem efforts for the platform
- Leading and owning Pre and Post Deployment Validation, automated testing efforts
- Leading One Click Deployment of PAAS Infrastructure, auto-remediation / repairing of Infrastructure.

#### Senior Software Engineer- Site Reliability Engineering / Devops

2018 - 2018

##### Myntra Designs Pvt Ltd.

- Lead and developed the culture of SRE within the Organisation, implementation of Automated Incident Management across services
- Lead Migration of Compute and Storage Services from AWS onto Azure

#### Senior Member of Technical Staff - Site Reliability Engineering

2012 - 2018

##### Adobe Systems

- Co-ordinating and Collaborating Multi Geo efforts across different SAAS product teams in Digital Marketing Business Unit
- Lead Post and Pre-Deployment automated testing for SAAS products of Digital Marketing Business Unit
- Lead and completely owned the Nightly Performance Automation framework for the Performance Engineering Team
- Managed Feature escalation from support / customers and driving the respective fixes.
- Ensuring Production Service availability with maximum uptime for SAAS products in Digital Marketing Business Unit.
- Defining service SLA / SLOs of services
- Lead development of tools, automation to facilitate production system uptime and achieving product SLA

### Skills

#### Site Reliability Engineering Practices / Devops



#### Kubernetes/ Docker



#### Python



#### Amazon Web Services



#### Infrastructure Monitoring / Logging



- Lead and owned projects and tools for migrating infrastructure from the DC to Cloud Vendors
- System Monitoring, Infra and application monitoring / logging , Incident Management and resolution , Infra Capacity Management .
- Troubleshooting and triaging operational and application issues and fixing them within the defined SLA.
- Writing up control scripts for new processes, defining SOPs for services.
- Lead production upgrades / updates / patching efforts.
- Lead the creation and optimization of deployment / upgrade pipelines of products : A step towards one click deployments

## Education

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Master of Technology, Software Systems 2014 - 2016  
Birla Institute of Technology, Pilani

Bachelor Of Technology, Computer Science & Engineering 2008 - 2012  
Dehradun Institute Of Technology

# RAKSHAN N KANGOVI

Mobile: +91 9900766704

Email: kangovirakshan@gmail.com, kangovirakshan@yahoo.co.in

## Technology Lead ( Cloud Engineering ) at Lowe's India Services Ltd

### PROFILE SUMMARY

- Possess overall experience of 8 Years 2 Months in IT infrastructure systems ( Cloud and On-Premises)
- Gathering and analysing the needs of the application to be newly hosted or re-platformed ; designing and configuring the compute and storage infrastructure that provides the best performance and high availability .
- Led the beta project on **storage virtualization software ViPR** which is responsible for enabling **Storage As A Service**
- Carried out the installation of tools for **Continuous Deployment - Spinnaker** and creation of **custom machine images using Packer** .
- Resourceful in providing support, solutions and technical consults for the design , operations , configuration and upgrade related issues for **storage , server virtualization** .
- Well versed with **EMC storage ( XtremIO , VNX , VMAX ) , VMWare vCenter and VMWare ESXi** server install, configuration and management .
- Knowledgeable on **Disaster recovery and Replication technologies** like SRDF, MirrorView ( Synch & Asynch ) , Snapview ( Clones and Snapshots ) , SANCopy( migration ) and also on Filesystem replication and vMotion ,storage vMotion .
- Experienced in storage migration from **VNX to VMAX All Flash arrays**
- Possess sound understanding of the best practices for high availability & performance and storage architecture .
- Knowledgeable and have hands on experience on **Google Kubernetes Engine , Azure IAAS and Azure Kubernetes Service**
- Excellent communication, analytical & troubleshooting skills with proven abilities in planning and managing resources

### TECHNICAL SKILLS

- **Cloud Platform**  
Google Kubernetes Engine , Azure IaaS and Azure Kubernetes Service , Spinnaker , Packer , Terraform
- **EMC Storage**  
**VxRail , VMAX All Flash , XtremIO , Isilon , VNX 2( Next generation VNX ) , VNX1 , Clariion , Celerra and DLM**
- **Replication and Backup technologies**  
MirrorView ( Synch & Asynch ) , Snapview ( Clones and Snapshots ) , SANCopy(migration) , VNX replicator and Snapshare , SRDF Metro , vMotion , storage vMotion
- **NAS Management**  
Creating interfaces & LACP , configuring DNS & NTP , Storage provisioning for NAS ,Virtual Datamover creation , Storage pool for file creation , filesystem creation , checkpoint creation ,filesystem replication , NFS and CIFS operations .
- **Virtualization**  
VMWare ESXi , VSAN ( Storage virtualization ) . ViPR Controller ,
- Host to SAN Integration skills. ( end to end ) and deploying the **Kubernetes** on-Prem solutions

### ORGANISATIONAL EXPERIENCE

#### Technical Lead ( Cloud engineering, India SSC ) , Lowe's India Services Ltd

5<sup>th</sup> June 2017 to Till Now

- Led the proof of concept for the hyper-converged Infrastructure VxRAIL and Nutanix for the platform to host Sterling application
- Working with multiple vendors , datacenter team and application team to setup the IT platform for hosting the application .
- Gather and analyze the requirements for setting up the infrastructure for new solutions to be deployed and/or to be re-platformed .
- Working with the stakeholders like DB teams , application teams to provide the NAS in a way that provides high availability and best performance
- Creation and management of **Kubernetes** cluster and Virtual Machines on **Google Cloud Platform** and in the datacenter on the **Hyperconverged Infrastructure**
- Installation and deployment of **Spinnaker** ( a cloud deployment platform ) on Google cloud platform .
- Creation of machine images for immutable infrastructure using **Packer** ( on GCP ) - Infrastructure as a Code
- Configured the **VMWare vSAN**– software defined storage
- Storage **migration** from the VNX to VMAX All flash storage arrays using Open replicator
- Managing the data storage arrays ( VNX and VMAX ) and **fiber channel switches** ( Connectrix ) as per the best practices to obtain the best performance and high uptime ,
- Setting up and performing the **replication** related activities for the VMAX using **SRDF Metro** ( for an active active setup )



- Performing the **reconfiguration** of the storage arrays so as to resolve performance issues and to get the best performance .
- Installation of **Solutions Enabler** and **vWitness** for the management of the VMAX arrays
- Deployed Isilon , VMAX All flash as part of **storage refresh project** in the new datacenter setup
- **Zoning** the ESXi , AIX and Bare metal linux servers to XtremIO and VMAX All flash
- Installation of the **VMWare ESXi** on the HPE DL360 servers ( Gen 10)
- Carrying out the upgrades, patching of the **VMWare ESXi servers , VNX and Isilon storage arrays**
- Upgrade of the Brocade switches with zero downtime and also the upgrade of CMCNE

#### **Program Lead and Senior Analyst ( TestIT and IT Proven ) , EMC Corporation**

April 2015 – 31<sup>st</sup> May 2017

- Led the beta project on **storage virtualization software ViPR** which is responsible for enabling **Storage As A Service**
- Demonstrated to the external customers on how EMC products are being used in the solutions being offered EMC .
- Installation , configuration and management of **XtremIO , VNX 2, VNX storage arrays and ViPR Controller** .
- Installation , configuration patching and upgrading of the **VMWare ESXi servers** .
- Installation , configuration and upgradation of **vCenter Server**
- Responsible for troubleshooting of the issues encountered with the VNX and XtremIO arrays in the Datacenter
- Played key role in the increasing the VNX and XtremIO storage array performance and uptime by adopting best practices for performance and High Availability.
- Responsible for managing and troubleshooting the backend storage of the **vBlock – Converged storage infrastructure**
- Experience working on Cisco UCS for installation of the ESXi on Cisco UCS B series Servers

#### **Technical Support Engineer II , EMC Corporation , Bangalore**

July 2013 – March 2015

- Played a key role in increasing Unified storage array VNX uptime & decrease in downtime ( in customer IT environment) by using efficient troubleshooting techniques and out of the box practices .
- Instrumental in resolving technical issues related to replication , migration , CIFS and NFS
- Mentored 3 new hires with process and product related training. Also trained a batch of 12 new hires on process
- Instrumental in writing knowledgebase articles to troubleshoot technical issues related to the EMC Unified storage array VNX
- Suggested improvements to make the system foolproof and assisting in design & implementation of unified storage array in the customer IT environment ( along with other IT products ) .
- Gained experience in analyzing SAN and NAS system's needs, evaluating end-user requirements, custom designing storage solutions and troubleshooting the complex information systems .

#### **Technical Support Engineer I, EMC Corporation , Bangalore**

4<sup>th</sup> May 2011 – July 2013

- Assisting the customers, partners and field engineers in troubleshooting the unified enterprise storage product VNX in complex information infrastructure environment .
- Rendering technical expertise in helping solution architects, implementation delivery engineers and partner engineers in configurational issues and providing technical consults & advice .
- Using troubleshooting tools, contents and analytical practices to help determine the best way to resolve identified and unidentified problems .
- Providing technical expertise with the need to integrate EMC products with other EMC and non EMC IT products used by the customers .

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### **CERTIFICATIONS**

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- E20-001 – EMC Information Storage and Management
- VCE-CIA0011857 – VCE Certified Converged Infrastructure Associate
- E20-390 –VNX Solutions Specialist Exam for Implementation Engineers
- E20-324 - VNX Solutions Design Exam for Technology Architects
- ITIL Foundations Certificate in IT Service Management
- Hyperconverged Infrastructure Professional

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### **ACADEMIC DETAILS**

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- M.S. in Consultancy Management from BITS Pilani.
- B.E. in Electronics & Communication from Atria Institute of Technology, Bangalore, Visvesvaraya Technological University

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### **ACCOLADES**

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- Recognised as one of the star performers in the EMC VNX product service team in Q1 -2013.
- Received Cause for Applause for achieving maximum customer satisfaction surveys (CSAT) in Q3 -2014

- Received the Award for Excellence in Lowes India during the Q3 -2018 for performing the 250TB storage migration without any downtime and successful design and implementation of the replication setup

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## ACADEMIC PROJECTS

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### Undertaken during the MS – Consultancy Management

Title	The market strategy of EMC <sup>2</sup> in targeting the IT infrastructure solutions and services market of Telecom companies in India.
Company	EMC <sup>2</sup> Software and Services India Pvt Ltd
Synopsis	The dissertation work identifies the opportunities and challenges for EMC <sup>2</sup> in the IT infrastructure solutions and services market for the telecom companies in India . The market strategies to be adopted to gain significant market share for telecom companies in India have been formulated and analyzed.

### Undertaken during the B. E.

Title:	IOT based Hydrologic Remote Measurement System in Coal Mining Industry
Domain:	IEEE Transaction in the Area of Wireless Communication (GSM) and Embedded Systems
Company:	Accent e Technology, Bangalore
Synopsis:	The project aimed at developing a Disaster Management System to warn miners of mine floods in advance so that precautionary and safety measures can be taken to prevent loss of life and property. The model can also be used for Remote Monitoring, Data Acquisition & Security. Also demonstrated ability to handle projects from the feasibility to the implementation stage, ensuring on time deliverables within pre-set cost parameters with up to date knowledge of latest technological advancements ; worked on “Hydrologic Remote Measurement System in Coal Mining Industry” as a part of curriculum during college.

Address: # B2-303, Shriram Shreyas Apt., Telecom Colony, Kodigehalli, Vidyanarayapura P.O., Bangalore, Karnataka 560097  
Date of Birth: 23<sup>rd</sup> November 1986



# VIBHAM PANDEY

DEVOPS ENGINEER

## CONTACT

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LINKEDIN.COM/IN/VIBHAM-PANDEY-63254193

ADDRESS - BANGALORE

## PROFILE

CONSISTENT IN MY ABILITY TO PERFORM AND HAVE EXCELLENT TIME MANAGEMENT SKILLS. STRONG INTEREST IN PROJECTS THAT REQUIRE BOTH CONCEPTUAL AND ANALYTICAL THINKING. ALWAYS EAGER TO LEARN MORE TRICKS FROM ANYONE - REGARDLESS OF THE INDUSTRY THEY'RE WORKING IN.

## WORK EXPERIENCE

**GOLDMAN SACHS** Jan,2019 Present

Worked on migration from IDC to AWS

Also worked on automation projects using python and asyncio and basics of go.

Worked on setting up and creating DAGs on airflow

**QPLUM SOFTWARE LABS PVT. LTD.** Aug,2018-Present

Working in the infra team and responsible for creating and maintaining infra on AWS

**SAMSUNG DELHI(Engineer)** Jul,2017- Aug,2018

Working in infra team of samsung & responsible for creating and automating infrastructure on aws.

Provisioning of infrastructure for Smart TV applications using AWS . Implemented serverless application development model using lambda in various projects.

Worked on infrastucture automation using terraform and ansible.

Automation of operational activities using Python SDK(Boto3)

for AWS. Implementation of versioning in infrastructure management process using Git (CodeCommit).

## EDUCATION

**B,TECH, CSE**

NATIONAL INSTITUTE OF TECHNOLOGY, HAMIRPUR(2013-2017)

## PROJECTS

### -INFRADASHBOARD PORTAL

Developing a portal of securing, auditing & tracking changes in Aws cloud using IAM,cloudtrail. Worked on Lambda function for processing & parsing cloudtrail data. Building statistics of different resources using aws mysql in backend

Created a deployment automation tool for automating releases end to end from deploying to rolling bounce of services with no downtime

## CERTIFICATIONS

**AWS CERTIFIED SYSOPS  
ADMINISTRATOR**

APR 2018- 2020

**AWS CERTIFIED SOLUTIONS  
ARCHITECT**

MAR 2018 -2020

## SKILLS

- PYTHON
- C++
- GIT
- ANSIBLE
- TERRAFORM
- AWS

# SRIRAAG SRIDHAR

Senior Systems Engineer

+919632297482, Bangalore, India

Sriraagworks@gmail.com · [LinkedIn](#)

Senior System Engineer with 4.5 years of experience in setting Infrastructure monitoring across various Lanes (Network/Hardware/Storage/Virtualization) and supporting different Monitoring Solutions and deploying them across different environments and also troubleshoot any issues that arise on Application/OS and maintain them to ensure that proactive monitoring is not impacted and work towards deploying a uniformly distributed systems.

## SKILLS

- OpenNMS
- Network Monitoring Solutions
- Tableau
- Data Visualization
- Shell Scripting
- PostgreSQL
- Chef
- BMC Remedy/JIRA
- Grafana
- Cassandra/Scylla DB
- Kibana
- Kafka
- Linux Administration/Networking
- SNMP/SSH/TCP-IP
- GIT

## EXPERIENCE

SEP '17 - PRESENT DATE

**SENIOR SYSTEMS ENGINEER,** CERNER HEALTHCARE SOLUTIONS INDIA PVT LTD

### Projects

#### PostgreSQL Clustering and HA

Worked on setting up Master/Standby PostgreSQL Cluster and making cluster Highly Available for Failover/Switchover and set up streaming replication between Master/Standby nodes Using REPMGR.

#### OpenNMS Time-Series Metrics on Kafka:

Configured Time-Series Metrics of the infrastructure monitoring parameters from OpenNMS to Kafka and worked with development team to de-serialize the Proto-buff messages and parse them through Logstash and send them to our Elastic Cluster

#### IPSLA Monitoring for Client:

Setup IPSLA Monitoring on OpenNMS for the Client devices for Parameters like Rx/Tx/Response Time/Jitter/Packet Loss/Latency

etc.

### **Anomaly Detection for Infrastructure Monitoring:**

Contributed to this project by ensuring that we have proper infrastructure monitoring set in place to capture, proactive and set first Violation Alerting from SNMP-Traps/Syslogs and Time-Series Performance Data, and work with the development team/Data Analysts towards identifying their requirements to run the Machine Learning Jobs on the Collected Data on our ELK Stack and help them better the quality of data being fed from the source (OpenNMS).

### **Responsibilities/Tasks**

- Installing/Upgrading OpenNMS (Network Monitoring Solution) Instances on Different Environments (Network/Storage/Virtualization) for different Stakeholders across the Globe.
- Write CHEF-Recipes to automate deployment and for config management.
- Responsible to configure SNMP-Traps/Events from Vendor Provided MIBs and also Set Performance Collection Metrics (Time-Series Data) (Port Rx/Tx, Port Discards, Port Utilization, Temperature, Voltage etc..) from Scratch on OpenNMS for various Device Families like Cisco/APC/F5/PA/NetScaler/IXIA etc.
- Work with our Development team to deploy their code changes that they make on the Inhouse Version of OpenNMS Solution.
- Experience in Linux System Administration and performing regular health checks and upkeep of the Servers.
- Wrote Shell Scripts to Perform Audit on ICMP/SNMP Reachability of a node, Add Nodes to OpenNMS and OS-Config Backup Script which were used during the patching and rebooting tasks and helped the team.
- Contribute in planning a Scalable and Highly Available Architecture for our current distributed environment.
- Install/Upgrade and Maintain the underlying OS and PostgreSQL Database that OpenNMS Uses.
- Install/Setup Kafka Cluster.
- Built Grafana/Kibana Dashboards to Visualize Events on Grafana for NOC Team to provide Single Pane of Glass.
- Working on Building Dashboard on Grafana to Visualize Time-Series Metrics.
- Built Tableau Dashboards for Different (Operation Center) OC-Lanes (Network/Storage/Virtualization) to showcase their Key Performance Indicators (KPI), SLA Breaches and other metrics available on Remedy (Incidents/Change Requests/Problem Tickets)
- Provide On-Call Support

**JULY '15 - SEP '17**

**SYSTEMS ENGINEER, CERNER HEALTHCARE SOLUTIONS INDIA PVT LTD**

### **Responsibilities/Tasks**

- Working on Supporting Network Monitoring Solutions like EMC-Smarts/OpenNMS and perform tasks like Addition/Removal of Nodes to Network Monitoring

- Installing OpenNMS on different Instances
- Work with Network Operations Team to resolve ACL/SNMP Reachability issues to ensure that proactive monitoring is in place.
- Created Tableau Dashboards to track the Incidents and Change Requests Raised on Remedy and categorize them accordingly, for Different Operations Center Lanes (Network/Storage/Virtualization/Skybox)
- Daily Health Checks, Maintenance and Troubleshooting of Linux Nodes hosting our Network Monitoring Applications
- POC on Using Cassandra DB Cluster to persist Performance Collection Data on Cassandra
- Work on Priority Incidents and Change Requests raised by Stake Holders.
- Perform Proactive Patches and Upgrade of our Windows Servers during the WannaCry Ransomware Attack
- Document the Install/Upgrade Process of HP-PA and HP-SIM and Knowledge Transfer to Team Mates
- Troubleshoot Application issues that the Storage Operations Center Team had with Storage Monitoring Solution HP-PA

**JAN '15 – JULY '15**

**ASSOCIATE INTERN, CERNER HEALTHCARE SOLUTIONS INDIA PVT LTD**

### Responsibilities/Tasks

- Supported a HP Hardware Monitoring Solution, HP-SIM (System Insight Manager)
- Supported a Storage Monitoring Solution, HP-PA (Performance Advisor)
- Internship project of understanding the VERITAS-Multipath Process and Write a Bash Script to enable Reporting for the same
- Planned and helped with the Migration from Windows 2008-R2 to Windows 2012-R2 and Upgraded HP-Performance Advisor to Latest Version on 120+ Servers.
- Work with the Storage and Frontend team to Add XP/P9500 Storage Arrays into Monitoring under HP-PA
- Supported the daily upkeep of the Linux/Windows Servers hosting our Applications (HP-PA/HP-SIM)
- Add Enclosures/ESX Hosts and other Hardware in the Datacenter under Hardware Monitoring in HP-SIM and work with the Front-end team to remediate any issues arising from the reports and engage Smart Hands as required.

## **EDUCATION**

**2012-2015**

**MASTER OF COMPUTER APPLICATION,**

**NEW HORIZON COLLEGE OF ENGINEERING(NHCE) - VISVESVARAYA TECHNOLOGICAL UNIVERSITY (VTU)**

2009-2012

**BACHELOR OF COMPUTER APPLICATION,**

INDIAN ACADEMY DEGREE COLLEGE - BANGALORE UNIVERSITY (BU)

## ACHIEVEMENTS

2018 - STAR AWARD

Vulnerability Patching and Rebooting

2015 - NOTT AWARD

Upgrading HP-Performance Advisor Application on 120+ Servers  
(Team Effort)

## INTERESTS

- Running
- Solo-Travelling
- Bouldering

# ADITYA MENON

## OBJECTIVE

To leverage and develop my skills and experience as a Software Developer in a job that both challenges and inspires me, while offering a Forward-Thinking & Spirited attitude with an eye for Detail and Perfection

## PROFILE

Iconoclastic Software Developer with 5 years experience architecting and implementing scalable software systems. Technology has always been my burning passion and I make it a point to constantly update myself on current trends / advancements made everyday. If I were to describe myself, I would portray myself as an Developer and a Passionate Enthusiast.

## EXPERIENCE

### CLOUD CONSULTING ENGINEER

Armakuni Ltd - London | 2019 - 2020

#### CLIENTS -

- Flex/50 :-

Project Brief - To design a solution which would ingest data from various sources, scrub and store the data, infer from the cleaned data and visualise it. The visualisation would help last mile business owners to understand and optimise their business processes. Software components hosting are split between Cloud Functions and Kubernetes. Applications are packaged in Linux Docker Images for platform independent deployment

Technologies used - Golang, Python, GCP Cloud Functions, Postgres, Google Pub/Sub, Data Studio, Concourse CI, Bitbucket, Kubernetes

- RBS :-

Project Brief - As part of the RBS DevOps cultural transformation strategy, we developed an in house tool RBS teams could use to understand their DevOps readiness and be provided with a road-map to help the team achieve their DevOps transformation goals. Application was hosted entirely on GKE with services from GCP attached (Google Pub/Sub). Applications are packaged in Linux Docker Images for platform independent deployment

Technologies used - Vue.js, Typescript, Postgres, Concourse CI, Bitbucket, Kubernetes, Google Pub/Sub, Node.js (Experimented with deno JS/TS runtime engine)

- Internal Projects :-

- Designed workshops and training modules around cloud native transformation for meetups and pre-sales client pitch
- Developed tools to automate processes in the SDLC. Primarily coded with Golang, Terraform and Helm
- Helped migrate monolithic applications to microservices based solutions. Kubernetes was used to migrate stateful apps and to orchestrate them

### SOFTWARE ENGINEER

Cisco Systems India Pvt Ltd - Bangalore | 2017 - 2019

#### CLIENTS -

- RISL :-

Project Brief - As part of the Indian government's smart city initiative, the Rajasthan government had brought Cisco to network the city's utilities and intelligently schedule and allocate resources across the city to reduce wastage and outages. We developed the firmware to control the edge devices and a UI to monitor and control the edge devices. IR829 applications were deployed as LXC containers and Cisco Kinetic Platform provisioned on Redhat Linux VM's via ansible

Technologies Used - Cisco IR829 (Edge Device), Cisco Kinetic Platform, C++, Yokogawa industrial sensors

- Tennessee Department of Transportation :-

Project Brief - In a bid to comply with the US federal directive of all states implementing vehicular communication infrastructure, we consulted on networking the transportation infrastructure to capture data from cars and computing at the edge to control the traffic systems and relaying data back to the traffic operations centre. IR829 applications were deployed as LXC containers and Cisco Kinetic Platform provisioned on Redhat Linux VM's via ansible

Technologies Used - Cisco IE4000 (Edge Device), Cisco Kinetic Platform, C++, Cohda Wireless Unit

- ExxonMobil :-

Project Brief - We developed a solution to monitor on oil rigs air conditions to check if SO2 levels do not breach a certain limit to prevent man down scenarios and build a map UI which would display sensor reading on the oil rig map

Technologies Used - Cisco IR829 (Edge Device), Cisco Kinetic Platform, C++, Gas Leak Detection Sensors

- Internal Projects -

- Integrate IOTA blockchain to Cisco Kinetic Platform, as a proof of concept for blockchain integration with IoT.
- Converted monolithic application to a distributed monolith by hosting software components on fat docker containers and orchestrated on Kubernetes
- Design PCB to interface sensors with IR829 and IE4000 edge devices
- R&D project to test IR829 docker images without physical hardware to ease the testing cycle and enable CI/CD integration



## CO-FOUNDER & PRODUCT DEVELOPER

AnonyByte - Bangalore | 2014 - 2016

- Founded start-up focusing on home automation and security
- Operated the company on the Lean Startup principles which helped fine tune hypothesis and product assumptions
- Designed modules and routers with PLC (Powerline communication) for zero configuration setup and simplistic user experience
- Developed PCB design and firmware (C based) for product lines
- Handled marketing and sales function for company
- Designed and maintained company cloud infrastructure on AWS
- Applications (based on Python3) hosted on EC2 instances were provisioned with Arch Linux as base OS via Ansible

Technologies used - AWS EC2, CloudFormation, C, Python, Fritzing (PCB Design), Route 53, BASH, Linux, Ansible

## CERTIFICATION

**CERTIFIED CISCO NETWORK ASSOCIATE - CERTIFICATION**

Cisco | 2018

## EDUCATION

**BACHELOR OF ENGINEERING**

PESIT | 2013 - 2017

## HOBBIES

- Hardcore UNIX & Linux aficionado. Created distros based on the Linux kernel and FreeBSD
- Active member of the XDA Dev community
- Supporter of the Open Source Software movement
- ARM based System hobbyist
- Design Android ROMs and Recovery for devices
- Tech Enthusiast
- Dabbling in blockchain technologies viz Solidity in Ethereum, Qubic in IOTA

## LANGUAGES

- Python
- Go
- C, C++
- Kotlin/Java
- BASH
- SQL

## PLATFORMS / TOOLS

- UNIX OS
- Android SDK & AOSP
- Amazon Web Services (AWS)
- Google Cloud Platform (GCP)
- PostgreSQL, NoSQL
- Git
- Distributed Systems
- Blockchain
- Terraform
- Kubernetes

## CONTACT

Mobile : +91 9036019395 / +44 7957958957

Email ID : [adityamenon5@gmail.com](mailto:adityamenon5@gmail.com)

LinkedIn : [linkedin.com/in/adityamenon5](https://www.linkedin.com/in/adityamenon5)



## Ravi Naik M

Contact: +919980103654 | E-Mail: ravi.dt.naik@gmail.com

### Aspiring for Lead Role in IT Operations/Infrastructure.

#### PROFESSIONAL SNAPSHOT

- 11+ Years IT experience in Datacenter Services, System Administration (Linux/Solaris/Aix), Linux Scripting (Bash/Ansible), Cloud Administration (OpenStack), Configuration management (Chef/Ansible), VMware Administration and Monitoring (Nagios, Logic Monitor, Pingdom, catch point, wave front, Alertra, Datadog, Grafana, Splunk, Squred up Graylog, Sensus).
- Good knowledge of deploying Linux infrastructure and executing highly complex projects
- Good knowledge of deploying and configuring VMware infrastructure
- Good knowledge on Configure Management tools like Chef to configure servers and manage the changes under the ITIL framework.
- Working on fixing Vulnerability through python pexpect scripts and Chef for PCI servers
- Experience in Building Linux server through Satellite server(foreman) with automation scripts to reduce the deployment time
- Experience in installed and configuring and upgrading Veritas Cluster Server 5.x/6.x for databases and applications
- Experience in Installing and configured clustered file system (VxCFS/VxVM) Veritas Volume manager
- Working on building new Clouds for Walmart Applications for all tenants
- Working on installing firmware/Bios on HP hardware through python scripts (python-hpilo module) and IPMI modules
- Accountable for resolving P1 and P2 Incident Activities with stringent SLA's and reducing the count of recurring incidents.
- Lead change process end to end which includes creating change process, ensure implementation and create RCA Report.
- Key role in Problem management; reduced recurring incidents; created and reviewed workaround docs and uploaded them in a shared database.
- Train & Mentor L1/L2 Teams on Multiple Application Support and Project workflows.
- Deft in successfully resolving problem/incident within the SLA/benchmark time in a prompt and efficient manner and presented to the higher management team. Won multiple Appreciation Awards

#### TECHNICAL SKILLS

Platforms	Linux (5/6/7), Aix, Solaris, and Windows (2003, 2008 2012 2016, R2)
Configuration Management Tools	Puppet, Chef, Ansible
Cloud Management & Virtualization	Openstack, AWS, Azure, VMware ESX/ESXI server 4.x/5.x/6.x
ITSM	Service manager, BMC Remedy, ServiceNow, Jira
Programming/scripting Languages	Bash, Ansible, and basic knowledge on python
Hardware	HP(G7/G8/G9), Dell, Aix, Solaris, Cisco
Remote Management Tools	HP ILO, Dell IDRAC, IBM HMC
System Management Tools	Cobbler, Red Hat Satellite Server 5.X/6.X, Foreman
Databases	Oracle 9i/10g, MySQL, Psql, MongoDB, Cassandra
Cluster system	Veritas cluster server
Big data	Clodera Hadoop and Matrix (MPP database) mon

#### CERTIFICATIONS

- RED HAT CERTIFIED SYSTEM ADMINISTRATOR IN RED HAT OpenStack
- RED HAT CERTIFIED ENGINEER IN RED HAT OpenStack
- VMware Certified Professional 5 – Data Center Virtualization (VCP5-DCV)
- ITIL Certified

#### ORGANIZATIONAL SCAN

Nov 2017 – Till Date : Logmein, INC GEC

Senior Site Reliability Engineer

- Leading and Troubleshooting all alerts from different monitoring tools and works to resolve all L2/L3 issues related to applications, database, storage, and network infrastructure.
- Monitors, resolves, and/or manages all incoming operations incidents in the Jira ticketing system.
- Maintain 99.99% uptime of the products and services.
- Proactively monitoring different monitoring tools and fix the issues before product degradation or outage.
- Process Automation, Application Automation (shell/Ansible scripting).
- Maintain the production servers and Load balancers.
- Actively handled in production server maintenance, patching, and code deployment. Actively handled the DRT test.
- Capacity planning.
- Building automation and processes that reduce the impact of mistakes.
- Principled monitoring to improve MTTD/MTTR (mean time to detection/recovery)
- Revising software designs to mitigate failures in other parts of the stack.
- Works with other Department leads to develop and properly catalog SOP documents on the internal Opswiki and Knowledge Base.
- Create/Update incident and problem management procedures.
- Working on Root cause analysis (RCA), Reason for Outage (RFO) of a customer impact incident.
- Working for a permanent solution for the incident by creating follow-up action items with the owners/Stakeholders/Engineering.
- Owning and driving the call bridge. Logging the incident in the call log.
- Performing the initial Incident diagnostics. Owning, monitoring and communicating the status page.
- Updating records (call log, incident sheet) with the resolution.
- Progressing any follow up action (for example, following through into problem management).
- Gather customer-impacting statistics. Creating reports. Driving the RCA and Problem Meeting.

**Sept 2016 – Nov 2017: Walmart Labs GEC(on intelliswift payroll)**

**Senior consultant systems Engineer**

#### ☛ System administration

- Delivering advanced solution support on Unix/Linux/VMware platform Infrastructure.
- Building the servers using Satellite Infrastructure & Package Management.
- Root cause analysis of server reboot/hang/crash.
- Patch upgrades on Linux & Sun Solaris (Sparc/Intel) using the BMC - BladeLogic Server Automation
- Troubleshooting server related issues at hardware/Operating System-level
- Document existing systems/storage/tools infrastructure and procedures as well.
- Working with OS and hardware vendor to fix any critical bugs

#### ☛ Configuring managing chef server for our infrastructure

- Configured chef server for 4 Datacenters
- Configured chef-client to frequently and keep the configuration like NTP, ssh, healthy.

#### ☛ VMware Support

- Installation, Configuration, Administration and Troubleshooting of ESXi 4.x/5/x/6.x
- Creating and Managing Virtual Machines and Templates
- Configured Resource Pool, V Motion, Alerts, Alarms, NTP
- Creation of Virtual Switches, Ports and Port groups and setting up Layer 2 Security Policies for Virtual Networks.
- Performing Snapshots, Cloning, Cold Migrations, and Hot Migrations

#### ☛ Cloud Support

- Troubleshoot on OpenStack cloud issues related to Keystone, Nova, Neutron, Ceph, Glance
- Creation of new OpenStack Tenants/Projects and allocating quota
- Worked on improving cloud Monitoring by adding a new plugin on sensu
- Adding New networks and Images to the Cloud
- Working on OpenStack command line and Horizon

**Key Assignments:****➤ Infrastructure support**

- Manage tasks that are done on a daily basis in UNIX Infrastructure Operations based on Linux (x86 hardware).
- Complete VMware infrastructure support (install/upgrade troubleshoot ESXI, deploying VM with templates, managing alarms/resources,)
- Deploying Virtual machine on AWS
- Provide guidance and help to resolve technical and non-technical challenges faced by QA/Dev team members on all UNIX platforms used in the firm.
- Installation & Testing of Matrix DB (Parallel) on Hadoop Ecosystem.
- Matrix (MPP Database) Installation & upgrading on different Clusters
- ODI Integration with Matrix DB (MPP Database).
- Setup and configured MIT Kerberos for Matrix database.
- Being the point of contact for technical and procedural issues faced during changes, incidents, and problem resolutions.
- ODBC Drivers for Matrix DB

**Role and Key Assignments:****➤ System administration**

- Responsible for performing upgrades, applying OS patches and file system management on Linux, AIX and Solaris platforms.
- Installed configure and upgrade Veritas Cluster Server 5.x/6.x for databases and applications.
- Installed and configured clustered file system (VxVM) Veritas Volume manger
- Analyzed and remediate causes for performance issues on UNIX servers like slow application responses and root cause analysis for Operating System crashes.
- Co-ordinated with hardware technicians during hardware replacements and upgrading hardware on servers.
- Technical escalation contacts for issues faced during change activities
- Responsible for creation of technical documentation for server environments being built.
- Build, configured and provisioned servers as per enterprise standards.
- Handled the tasks of Decommissioning Linux servers
- Installing and configuring TeamQuest tool on servers like AIX Solaris Linux ESX and Windows. Monitoring data collection agents using TeamQuest manager.

**➤ VMware Support**

- Installation, Configuration, Administration and Troubleshooting of VMware ESXi 4.x, ESXi 5.x Virtual Center
- Upgrading/applying security patched on ESXI with update manager
- Creating Clusters for High Availability (HA) and Distributive Resource Scheduling (DRS) in VMware virtualization platform.
- Creating Virtual Machine Templates and deploy virtual machines from templates and allocate resources
- Performing Cloning, Cold Migrations, and Hot Migrations and taking Snapshot
- Implementation of iSCSI SAN, FCSAN and NAS Storage.
- Migrate Physical Servers to Virtual Server using VMware Converter and Veem

**➤ Cloud support.**

- Responsible for maintaining and troubleshooting internal Private cloud infrastructure which is running more than 12000 VM's across 2 data centers.
- Responsible for installing and upgrading OS patches on hypervisors in our internal private cloud.
- Troubleshooting day to day customer issues with Cloud infrastructure and components

**Achievements:**

- Promoted to Senior Systems Engineer based on consistent performance
- Handled all incidents and change requests for the UNIX team which consisted of managing about 9000+ servers spread across multiple data centers
- Improved technical procedures used for operating system management
- received numerous awards in recognition for work done in the UNIX team

**ACADEMIA****2008****BE in Mechanical****VTU university****References** - Available on request

<b>RAJARSHI HALDAR</b> <b>DevOps Engineer</b>		<b>DOB :</b> 15 <sup>th</sup> September, 1987 <b>S1 701 Vatika LifeStyle Homes Sector 83 Gurgaon 122004</b> <b>Passport :</b> L7044079
<b>Personal Info</b>	<b>Professional Qualification</b>	
Phone +91 9958767381 E-mail <a href="mailto:haldarrajarsi@gmail.com">haldarrajarsi@gmail.com</a>	Nov 2015 – Till Date <b>GLOBALLOGIC INDIA Pvt. Ltd.</b> , Gurgaon Associate Consultant Client <b>ERICSSON INDIA, GURGAON</b> Feb 2016 – Oct 2016 <b>VIDEONETICS Technology Pvt. Ltd.</b> , Gurgaon Senior Software Engineer July 2013 – Jan 2016 <b>ARICENT Holdings Ltd.</b> , Gurgaon Software Engineer	
<b>Hard Skills</b>	<b>Professional Experience Summary</b>	
<b>Programming Language</b>		
C/C++	2+ Years of work experience in <b>RHEL 6.x and RHEL 7.x</b> , with Maiden Installation and Upgrades. 1+ Years of work experience in <b>Docker and Kubernetes</b> . Proficiency with working in <b>agile environment</b> . 2 Years of work experience in <b>Linux Administration, Shell Script, and Python</b> Experienced with tools : <b>GIT, GERRIT, Jenkins</b> Proficient in increasing and smoothening automation Experience in handling <b>HP ProLiant Gen 7 / 8 / 9 and 10 Servers, 360 and 380p series</b> Experience in working with <b>VSphere Centre/Client and ESXi</b> Proficiency in <b>C/C++ with Data Structures</b> . Experience in <b>Image Processing Domain</b> 2 Years of experience in <b>GSM Domain</b> with good understanding of Transmission Host module of <b>GSM Architecture</b> Proficiency in writing the <b>Business Logic for the analytic algorithm</b> Proficiency in writing <b>Video Analytics Algorithm</b> Proficiency in handling integration of <b>Hardware Decoder/Encoder of Image Processing</b> <u><b>Quick learning ability with proficiency in debugging skills and troubleshooting.</b></u>	
<b>OS</b>		
RHEL 6.5, RHEL 7.3 / 7.4, Windows		
<b>Scripting Language</b>		
Python, Shell		
<b>Tools/Technologies</b>		
Rational Rose, Enterprise Architect, Quality Center, Web Pronto, share net, Doctor, Packet Generators & Analyzers (Wireshark), OOP Concepts & Design GSM/GPRS, Debugging C/C++ with GDB, wpa-supplciant, hostap		
<b>Configuration Management</b>		
Clear Case, SVN, GIT, GERRIT, Jenkins		
<b>Network Protocol</b>	<b>Project Experiences</b>	
802.11 protocols (a/b/g/n), Physical Layer (L1) – FDMA protocols	<b>Charging System- Network Management Toolkit</b> Nov 2016 – Till Date <b>DevOps Engineer</b>	

TDMA protocols, LAP-D, LAP-Dm RR, MM, CM protocols, BTS and MSC RRM, Abis Interfaces protocols	<ul style="list-style-type: none"> <li>Responsible for porting the legacy product to <b>containerized</b> environment.</li> <li>Responsible for complete commissioning of a RHEL Server and deployment of applications.</li> <li>Developing an Automation suite as type ANSIBLE.</li> <li>Automating Customer Site Installation and Upgrade on RHEL Servers.</li> <li>Handling Virtual Networks on ESXi using VSphere Centre.</li> <li>Developed virtual automation by introducing VMDK.</li> </ul> <b>Technologies Used:</b> Python, Linux Administration, RHEL 6.x, RHEL 7.x, Shell Scripting, Docker, Kubernetes, OpenStack.
	<b>Camera Drivers Integration</b> <span style="float: right;"><b>Jul 2016 – Oct 2016</b></span>
<b>Education</b>	<b>Senior Software Engineer</b>
	<ul style="list-style-type: none"> <li>Worked on integrating the camera level device drivers' API with the Video Management Software</li> </ul> <b>Technologies Used:</b> C/C++ Language, IDE – Eclipse, Ubuntu 14.04, Linux Version 3.14.5
2013 <b>M.C.A</b> <b>94.6%</b> Birla Institute of Technology, Ranchi	<b>VideoPreci</b> <span style="float: right;"><b>May 2016 – Jul 2016</b></span>
2009 <b>B.C.A</b> <b>74.0%</b> Dr. B.R. Ambedkar University	<b>Senior Software Engineer</b>
2005 <b>Intermediate</b> <b>81.0%</b> CBSE St. Paul's Sr. Sec School	<ul style="list-style-type: none"> <li>Worked on summarizing a Video. Developed an algorithm to summarize a huge video into shorter one.</li> </ul> <b>Technologies Used:</b> C/C++ Language, IDE – Eclipse, Ubuntu 14.04, Linux v 3.14.5
2003 <b>Matriculation</b> <b>88.88%</b> CBSE Central Public School	
<b>Achievements</b>	<b>INTEL Hardware Decoder Integration</b> <span style="float: right;"><b>Feb 2016 – Apr 2016</b></span>
<b>27th Rank</b> in Extended merit list in <b>JAM-IIT</b> for <b>MCA</b> entrance exam in 2009	<b>Senior Software Engineer</b>
	<ul style="list-style-type: none"> <li>Worked on developing an understanding the working of Hardware Decoder and Encoder.</li> <li>Developed code to integrate the existing INTEL Hardware Decoder and Encoder with the running Video Management System.</li> </ul> <b>Technologies Used:</b> C/C++, IDE - Eclipse, Ubuntu 14.04, Linux v 3.19.25 Generic
Awarded with <b>Excellence Award</b> for <b>Innovation</b> - Aricent Received <b>Rockstar</b> Award for performance - Ericsson Awarded with <b>Spotlight</b> Award of the Quarter – Globallogic	<b>Wi-Fi Middleware</b> <span style="float: right;"><b>July 2015 – Jan 2016</b></span>
Awarded with <b>Star Performer</b> of the year – Ericsson <b>Star Performer Rating</b> for last 3 years - Globallogic <b>Excellence Award Winner - 2019</b> <b>Eminence Award Winner - 2019</b>	<b>Software Engineer</b>
	<ul style="list-style-type: none"> <li>Developed middleware over <b>wpa-supPLICANT</b> and HostAP which can further interact with the Linux kernel.</li> </ul> <b>Technologies Used:</b> C Language, TP Link Wireless PCI Card, Ubuntu 14.04, Linux v 3.02, Sniffer, lperf.
	<b>GSM BTS Software Development- GFx</b> <span style="float: right;"><b>Jul 2013- June 2015</b></span>
<b>Hobbies</b>	<b>Software Engineer</b>
	<ul style="list-style-type: none"> <li>Worked on improving the features of QOS in GSM architecture.</li> <li>Worked on the development of the software for the PIUs (Plug in Units) to Facilitate the operator to increase their operating area.</li> </ul>

	<b>Technologies Used:</b> C/C++ Language, BTS model – FSMR10, RF module, Smart Bit Generator, Wireshark Analyzer, GCS decoder, Nethauk Analyzer.
Singing, Caroom	
	I certify that the information furnished above is factually correct
	(RAJARSHI HALDAR)



# Curriculum-Vitae

## PERSONAL INFORMATION

Nithin Reddy Podduturi  
Rammurthy Nagar,  
Bangalore, KA  
Podduturinithin29@gmail.com  
Mobile - +91 96762 41900  
D.O.B – 29/04/1989

## SKILLS

- Experience in DevOps & Cloud Infrastructure.
- Set up and configure ELK stack (Elasticsearch, Logstash, and Kibana)
- Experienced in Elastic Search indexing, queries and templates.
- Monitoring tools: New Relic, DataStax Opscenter, Sensu and Pingdom.
- Deployment Tools Administration (Codeship & Jenkins)
- Implementation of CI/CD pipeline using Codeship and CodeDeploy.
- Writing Ansible playbooks for configuration management.
- Exposure to components and attributes of a microservice Architecture
- Experience with a broad portfolio of AWS infrastructure resources (EBS, S3, EC2, Elastic IP, Redshift, EMR, Route 53, VPC, Security Groups and Network ACLs)
- Worked on various Linux and Unix Platforms like Linux/Unix, CentOS, Red hat, Solaris and VMware.
- Knowledge on working Docker for application deployments.
- Experience on Docker containers infrastructure and Continuous Integration for building & deploying Docker container. Proficient with container systems like Docker and container orchestration like Kubernetes.
- Using Git for Version Control
- Scripting: Python, Bash
- Setup Kibana queries and dashboards to query logs - Establish proper integration with various data import sources where required and adjust data exports depending on requirements.
- Implementing cost control strategies.
- Atlassian Tools Administration (Jira, Confluence and Bitbucket)
- Worked with multiple platform server imaging tool (Packer)
- Exposure to RDBMS (MySQL) and basics.
- Aware of the How's and what's of the REST and SOAP API's
- Strong knowledge on ticket management using remedy.
- Experience with configuration and administration of EMC Symmetrix VMAX, DMX, CLARiiON, VNX, IBM XIV Arrays.
- Extensive experience with the SAN and NAS migration between multi-vendor arrays.
- Experience in Decommissioning EOL Arrays after Migration.

## WORK EXPERIENCE

**June 2018 – Present**

**Matchmove Pay Ltd.**  
**DevOps Engineer, Bangalore-India**

# Curriculum-Vitae

(MatchMove Pay is a Singapore based FinTech company, that provides B2B2C eWallet and remittance solutions. The WalletOS platform enables any company to have an open loop virtual wallet that also includes physical cards provided by MasterCard.

- Involved in DevOps POC's by integrating Source controls tools, Build Tools, CI tools and CD tools to start new DevOps services in organization
- Worked extensively on automation engine Ansible that automates cloud provisioning, configuration management, application deployment, intra-service orchestration.
- Expertise in writing Ansible Playbook and configure and manage services on multi servers.
- Setting up alert monitoring for Infrastructure and Applications using Sensu for all production environment.
- Created Docker images using a Docker file and worked on Docker container snapshots, removing images and managing Docker volumes.
- Administration of elastic log management tool (Kibana).
- Setting up the AWS (EC2, VPC, ELB, RDS etc.) scalable infrastructure using CloudFormation for hosting of the applications.
- Migrated MatchMove legacy application from SG region to Mumbai region as per RBI guidelines.
- Planning and executing the deploy process using CI/CD tool Codeship.
- Creating NewRelic and Cloudwatch dashboards for the resource monitoring and alerting.
- Performing regular operation tasks related to AWS server maintenance, access to servers and application.
- Troubleshooting issues post deploy on production and testing environment (Web server related issues, config issues)
- Managing and securing S3 buckets via bucket policies and IAM user and group policies.
- Installing and configuring Nginx, troubleshooting http and https related issues while post deploy testing.
- Setting up application load balancers on AWS, in order to route requests to instances using target groups and listener rules.
- Setting up VPN connections between our network and the customers via VPC peering and Sophos UTM application for Auth transactions.
- Managing ETL Pipeline, which gets data from SFTP and sends to S3 and redshift and validates the files.

<b>Feb 2016 to Dec 2016</b>	<b>ZenithTec Services, (Client BNY Mellon) Business Analyst, New Jersey – USA.</b>
<b>Jan 2017 to Dec 2017</b>	<b>HCL Global System Inc (Client BNY Mellon) Business Analyst, New Jersey – USA</b>

# Curriculum-Vitae

- Setting up the AWS (EC2, VPC, ELB, RDS etc.) scalable infrastructure using CloudFormation for hosting of the applications.
- Planning and executing the deploy process using CI/CD tool Codeship and Codedeploy.
- Writing ansible playbooks in order to manage centralized user management for MatchMove.
- Creating NewRelic and CloudWatch dashboards for the resource monitoring and alerting.
- Setting up metric level monitoring using Sensu for production environment.
- Administration of elastic log management tool (Kibana).
- Performing regular operation tasks related to AWS server maintenance, access to servers and application.
- Troubleshooting issues post deploy on production and testing environment (Web server related issues, config issues)
- Keeping track of the costing on AWS and using Trusted Advisor in order to analyze and optimize the resource.
- Managing and securing S3 buckets via bucket policies and IAM user and group policies.
- Installing and configuring Nginx, troubleshooting http and https related issues while post deploy testing.
- Setting up application load balancers on AWS, in order to route requests to instances using target groups and listener rules.
- Setting up VPN connections between our network and the customers via VPC peering and Sophos UTM application for Auth transactions.
- Managing ETL Pipeline, which gets data from SFTP and sends to S3 and redshift and validates the files.
- Monitored Security Groups at instance level and Network ACL at subnet level in AWS.
- Created Routetables and Internet gateways at VPC level to provide accessibility from datacenter.
- Worked on cloudtrail and cloudwatch as part of audit logging, and metrics calculation.
- Extensive knowledge on connection between webservers like NginxPlus and loadbalancers.
- Experience in implementation of IAM solution from scratch.
- Worked on Kafka and zookeeper servers which basically helps in queueing the data from datacenter to AWS.
- On-call Production Support (24x7) on weekly rotation within the team.

## **March 2012 – March 2014   Group of Engineers Pvt. Ltd. Jr. Design Engineer, Hyderabad – India.**

- Responsible for the Decommissioning old storage arrays as DMX, IBM XIV/SVC, Cisco MDS Switches.
- Planning and migrating of data from older CLARiiON, DMX to VMAX and on call support for troubleshooting routine issues of host not seeing storage
- Migrated 300+ QA, TEST and Dev server data from CLARiiON/DMX to XIV.

# Curriculum-Vitae

- Implemented Disaster Recovery through SRDF/A from VMAX-VMAX and provided documentation procedures for future use for SRDF/A using SYMCLI.
- Responsibilities included weekly storage capacity reporting, regular meeting with the system administrators and DBA's in scheduling the down time for migration and monitored the performance of the storage ports on the Remote side during migration process
- Responsible for performing day to day operational tasks like storage provisioning and maintaining high availability as per EMC best practices.
- SAN administration, managing LUNs and troubleshooting storage issues.

## EDUCATION

- **Trine University/ Engineering Management**  
Jan 2015 – Dec 2016, Indiana – USA  
Pursued Master of Science, specializing in the Engineering Management in Trine University.
- **Jawaharlal Nehru Technological University/Mechanical Engineering**  
June 2006 – May 2010, Hyderabad – India  
Pursued Bachelor of Engineering degree, specializing in Mechanical stream from Jawaharlal Nehru Technological University.

## ORGANIZATIONAL SKILLS

- Compatibility for both independent and team work
- Time Management.
- Innate problem-solve.

## HOBBIES

- Travelling.
- Long drives.
- Reading books.

## Contact

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(LinkedIn)  
[subbustechblog.blogspot.com/](http://subbustechblog.blogspot.com/)  
(Blog)

## Top Skills

Cloud Computing  
Amazon Web Services (AWS)  
Go (Programming Language)

## Languages

German (Full Professional)  
English (Native or Bilingual)

## Publications

Modelling the Live Migration Time of  
Virtual Machines

# Subramanya Umashankar Joshi

Software Architect | Industrial IoT | Streaming Processing  
Bengaluru, Karnataka, India

## Summary

Specialties:

Programming Languages : Golang , Java,

JavaScript: Reactjs,

Sql: MySql

NoSql: Mongodb, InfluxDB

Graph DB: Dgraph

Amazon AWS: Lambda, CloudFormation, DynamoDB, Kinesis

Streaming: Apache Kafka, Fast data

Visualization: D3.js and Highcharts,

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## Experience

LTI - Larsen & Toubro Infotech

Senior Technical Lead

March 2018 - Present (2 years)

Stockholm, Sweden

iManage

Software Developer

June 2016 - March 2018 (1 year 10 months)

Bengaluru Area, India

CLOUD & HEAT Technologies GmbH

Engineer

January 2013 - June 2016 (3 years 6 months)

Dresden, Saxony, Germany

<https://www.cloudandheat.com/>

Philips

Senior Software Engineer

March 2011 - October 2012 (1 year 8 months)

Mu Sigma Inc.  
Business Analyst - Software  
August 2010 - October 2010 (3 months)  
Bengaluru Area, India

SLK Software  
Software Engineer  
September 2008 - August 2010 (2 years)

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## Education

Technische Universität Dresden  
Master of Science (M.S.), Distributed Systems Engineering

Visvesvaraya Technological University  
Engineering, Computer science · (2004 - 2008)

## CH. NaveenReddy

✉ **Mail:** naveenreddy2460@gmail.com

☎ **Mobile:** +91-7022378304

### PROFESSIONAL SUMMARY

Having **3** years of diverse professional experience in Planning, Designing, Developing, Support and Implementation in the area of Amazon Web service's and Experience in Devops build and release engineering / software configuration management.

- Good experience in Devops and Software configuration management which includes Project setup, Build & Release Process setup ,Build Automation and CI/CD Pipeline in Jenkins .
- Hands-on experience in using Ansible, Git, Jenkins and AWS services which reduces the effort of developer's operation team in performing maintenance and daily operations .
- Hands-on experience in setting up and maintaining CI &CD pipeline using tools like Jenkins, SonarQube, Github, Maven .
- Hands-on experience in writing playbooks to setting up complete application stack which includes services like Apache, Tomcat and Nginx .
- Deploying the JAR and WAR into Tomcat Application Server
- Good Knowledge in **Terraform** to create the environments
- Good Knowledge in Creating container by using Docker files
- Good Knowledge in Docker volumes
- Hands-on experience in Amazon Web Services like **EC2,IAM, VPC, Subnets, Auto Scaling , Security Groups ,S3,EBS,Load Balancing,Cloud Migration**
- Knowledge on VPN network , Endpoints , and peering connection

### EDUCATIONAL QUALIFICATION

Bachelor of Engineering from JNTU Hyderabad.

### TECHNICAL SKILLS

**Operating Systems:** Linux/Unix, Windows.

**Cloud computing Technology:** AWS.

**Version control System:** Git.

**Automation/Build Tools:** Maven, Jenkins, Terraform .

**Containerized Technology:** Docker.

**Configuration Management Tools:** Ansible .

**Databases& Data Storage** : Mysql .  
**Programming language:** Shell scripting.  
**Ticketing Tool:** Jira  
**Monitoring Tool:** Cloud watch , Nagios .

## PROFESSIONAL EXPERIENCE

**Organization:** Tech Mahindra

**Environment** : Ubuntu, AWS, MySQL, Jenkins, Maven, Github , Ansible, Nagios, SonarQube, AWS, and Bash Scripting

**Duration** : May 2017–Present.

### **Responsibilities:**

#### **Devops Engineer:**

- Worked on **EC2** service to create the Instances .
- Involved in maintaining the reliability, availability, and performance of Amazon Elastic Compute Cloud (Amazon EC2) instances.
- Created and configured elastic load balancers and auto scaling groups to distribute the traffic and to have a cost efficient, fault tolerant and highly available environment.
- Worked on utilizing the simple Storage Services(s3).
- Built S3 buckets and managed policies for S3 buckets and used S3 bucket and Glacier for storage and backup on AWS .
- **S3** Integrated with Jenkins to Store the Artifacts in Bucket .
- Amazon **IAM** service enabled to grant permissions and resources to users. Managed roles and permissions of users with the help of **AWS IAM** .
- Worked on creating VPC, Security groups, NAT gateway.
- Created NAT gateways and instances to allow communication from the private instances to the internet through bastion hosts.
- Good Experience in **architecting** and **configuring** secure cloud **VPC** using private and public networks through **subnets** in AWS.
- Created topics in SNS to send notifications to subscribers as per the requirement.
- Initiating alarms in CloudWatch service for monitoring the server's performance, CPU Utilization , disk usage etc. to take recommended actions for better performance.



- Responsible for monitoring the AWS resources and application resources using Cloud Watch
- Involved in Migrating virtual machines from VMware Esxi server to aws using **server Migration service** and **Data Migration service** .
- Automated the building process and reduced all the manual intervention needed and merged that to the Jenkin's job.
- Jenkins is used as a continuous integration tool for automation of daily process.
- Automated builds using Jenkins and Maven.
- Create and establish build process using Maven to perform builds efficiently and deployment of the application using Tomcat.
- Identify, troubleshoot and resolve issues related to build and deploy process.
- Automate the Maven build Process Using Jenkins
- Configured Jenkins job with Git and Maven for generating artifacts.
- Installing plugins in Jenkins as per project requirements.
- Integrating SonarQube with Jenkins for continuous static code analysis
- Experience in taking the backups in Jenkins using backup plugins.
- Managed Servers on the Amazon Web Services (AWS) platform instances using **Ansible** configuration management.
- Gained good experience by working with configuration management tool Ansible and CI/CD tool Jenkins.
- Deploying the Application's in Tomcat Server By Using Ansible .
- Verify logs to check for successful/failure deployments.
- Performing deployments to multiple environments like Dev, QA, & UAT environments Scheduling of automatic, repetitive Jobs using commands with Jenkins
- By Using Ansible Configuration Management tool we have written Playbooks for the Provisioning in Multiple nodes
- Working on Jira ticketing tool
- Troubleshoot day-to-day issues based on the ticket system and closed the ticket within SLA

## ANMOL RAI

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PROFESSIONAL EXPERIENCE

- I have 5.5+ years of experience in Software Configuration Management as DevOps engineer and in Softwar Developer.
- Strong understanding of software development life cycle(SDLC) and automated multiple stages of SDLC like source code management, building and deployment.
- Developed CI/CD framework for application hosted on Kubernetes using JenkinsX.
- Managing production scale Kubernetes cluster using different planforms like EKS.
- Infrastructure as a Code using Terraform.
- Building automation mechanisms in AWS infrastructure provisioning using python (boto3).
- Developed in-house framework for extracting application metrics from AppDynamics production controller in python.
- Developed internal process improvement tool by automating creation of Rally (Agile ALM) items using python SDK.
- Experience in instrumenting and monitoring production applications in AppDynamics and gather data for analysis.
- Experience in maintaining version control systems like GIT, performed branching, merging, labelling/tagging and created remote repositories in GitHub.
- Experience in automating build and deployment process by integrating build tool Maven with continuous integration tool Jenkins.
- Involved in creating containers using Containerization tool Docker for various environments like Dev/QA/Performance/UAT.
- Created Docker-images through Docker file to create containers for various environments for QA team.
- Wrote a shell script for provisioning containers for QA environments using Docker images.
  - Experience in work flows of configuration management tool Ansible, Puppet.
- Automation using Shell Scripting and Python

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TECHNICAL SKILLS

- |                         |   |
|-------------------------|---|
| ▪ Operating Systems     | : Red Hat Linux 5/6/7, Centos 5/6/7                                   |
| ▪ Containerization tool | : Docker, Kubernetes  |
| ▪ Programming Language  | : Python, Boto3, Bash shell scripting                                 |
| ▪ Configuration Mgmt.   | : Ansible   |
| ▪ Cloud                 | : AWS, Terraform  |
| ▪ CI/CD tool            | : Jenkins, JenkinsX   |
| ▪ Build tool            | : Maven   |
| ▪ VCS tool              | : GIT   |
| ▪ Database              | : MySQL, Oracle, DynamoDB   |
| ▪ Monitoring Tools      | : NewRelic, Datadog, Sensu, Grafana, Zabbix, ELK, AppDynamics, Zabbix |

## PROFESSIONAL CERTIFICATIONS

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- AWS Solutions Architect – Associate.  
Date – 08/April/2018
- Certified Kubernetes Application Developer  
CKAD-1900-001393-0100  
[CKAD Certificate](#)

## PROFESSIONAL EXPERIENCE

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Working as a DevOps engineer with **Nutanix** since APRIL 2019 to till date.

- Project Name : Insights
- Technology : AWS, Python, Ansible, Docker, Kubernetes
- Role : DevOps/Cloud Engineer
- Duration : April 2019 to till date

### Roles and Responsibilities:

- Manage infrastructure of high scalable clients like Insights. Setup monitoring systems and alerting on the system.
- Writing boto3 scripts to query infrastructure, working with terraform.
- Managing Kubernetes cluster, deployments, services and multiple nodes.

## PROFESSIONAL EXPERIENCE

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Working as a DevOps engineer with **Sabre Travel Technologies** Bangalore since October 2016 to March 2019.

- Project Name : GetThere
- Technology : AWS, Linux, Python, Ansible, Docker, Python, Shell Scripting, Jenkins
- Role : DevOps engineer
- Duration : Oct 2016 to March 2019

### Roles and Responsibilities:

- Responsible for Continuous Integration and Continuous Delivery process implementation using Jenkins along with Python and Shell scripts to automate routine jobs.
- Collaborated in developing toolkit/custom scripts to automate performance testing of the application.
- Worked on ansible deployments, written various ansible playbooks with multiple roles, tasks with loops, templates, host variables, group variables etc.
- Wrote custom python for the application and developed automated performance test suit for the application.
- Extensible worked on configuring application monitoring via Zabbix, configuring host, items, screens.
- Implemented migration of in-house mysql databases to AWS RDS MySQL instances.
- Managing bucket polices of the shared S3 bucket of the team, took care of version-controlling, restricting user access.
- Created Docker images using a Docker file. Worked on Docker container, removing images and managing docker volumes and experienced with Docker container service.
- Profiling the application in performance environment onto AppDynamics.
- Maintaining database (snapshot creation, changing database parameters, retention policies etc).
- Deploying application using Jenkins server and Troubleshoot build and release job failures, resolve, work with engineers on resolution.

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## PROFESSIONAL EXPERIENCE

Worked as an Software Developer with Pure Software Services Ltd since May 2014 to Oct 2016.

- Project Name : Hubhopper
- Technology : Android, AWS, RESTful API's
- Role : AWS/Android Developer
- Play Store Link : <https://play.google.com/store/apps/details?id=com.hubhopper>

### Roles and Responsibilities:

- Provisioning infrastructure in AWS for hosting the application backend servers. Leveraging VPC, EC2, RDS, ElastiCache, S3, Cloud Front, SQS, SNS, Lambda.
- Configured Auto-Scaling groups and load balancers behind a cluster of Ec2 instances to cater.
- Configured Cloud Front to distribute content across locations and faster readability from edge-locations.
- Developed Android Application for Hubhopper right from scratch to shipping into production.
- Used different tcp,udp sockets for client-server communication (socket.io,websocket, udp datagram)
- Used Google Cloud Messaging (GCM) for enabling push notifications.

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## PROFESSIONAL EXPERIENCE

Worked as an Software Engineer with CBI Solutions since July 2013 to Dec 2013.

- Project Name : Management Systems
- Technology : Java, Python
- Role : Software Engineer

### Roles and Responsibilities:

- Worked as software engineer on different projects. Wrote Rest Api using Flask Rest. Write OO code in Java using spring mvc and hibernate.

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## ACHIEVEMENT AND ALLOCATES

- Achieved AWS – Solutions Architect Associate Certification.
- Won site level (Sabre – India) 'Impromptu Toastmasters'.
- Captain of Institute basketball team. Credited as MVP (most valuable player) of the institute.
- Secured **98.82** percentile in AIEEE 2010, **97.39** percentile in GATE-2014, All India Rank-4041

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## ACADAMIC QUALIFICATION

(2010-2015) 5-year Integrated Post Graduate program **B.Tech+ M.Tech** in Information and Communication Technology from **IIIT- Gwalior**.

Year	Standard	Percentage	Board	School
2010	12th Boards	80.2%	C.B.S.E.	Lawrence & Mayo, Kota
2008	10th Boards	89.8%	I.C.S.E	Christ The King, Jhansi