

## PROFESSIONAL SUMMARY

- Overall: 9.5 Years of IT experience from which 4 Years in DevOps (Git, CI/CD Jenkins, Maven **Terraform, Docker, Kubernetes**, Python, LINUX, Amazon Web Services, Cloud Infrastructure and Specialized in different domains such as Telecom and Banking.
- Experienced in Configuration Management, Cloud Infrastructure, and Automation utilizing Git, **CI/CD Jenkins, Docker, Kubernetes, Terraform**, Ansible, Nagios, Prometheus, Grafana, Amazon Web Services (AWS).
- Experienced in creating various dashboards, metrics, alarms and notifications for servers using **Prometheus and Grafana and Elasticsearch Logstash Kibana**.
- Experience in AWS provisioning and good knowledge of AWS services like **EC2, EBS, VPC, ELB, RDS, S3, Auto scaling, Cloud Watch, Security Groups ECR, ECS and EKS**.
- Hands on experience on Infrastructure as code (**IAC**) **Terraform** a tool for building, changing, and versioning infrastructure safely and efficiently.
- Worked with Terraform key features such as Infrastructure as code, Execution plans, Resource Graphs, Change Automation.
- Experience in server implementation & administration, network management, system administration, technology support and technical troubleshooting.
- Experienced in Automation Script using Python and Shell Script.
- Good knowledge of Internet concepts technologies (DNS, TCP, HTTP, Proxies, Load Balancing).
- Experience in Linux Administration for troubleshoot Linux Environments.
- Working in different area such as DevOps, Cloud Ops Engineer, Production Support and Maintenance.
- User accounts management, developing scripts for various System Performances Monitoring purposes and troubleshooting.
- Experience in Production Support and Maintenance Projects (using Oracle PL SQL, UNIX Shell Scripting).
- Good understanding and exposure to Project Development Life Cycle in agile methodology.
- Excellent team player having ability to meet deadlines and work under pressure.

## TECHNICAL SKILLS.

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Cloud/Virtualization Technologies	: Amazon Web Services (AWS).
Infrastructure as code (IAC)	: Terraform
Version Control Tools	: Git, GitHub
Build Tools	: MAVEN
Databases	: MySQL, Oracle, Postgres, SQL Server.
CI/CD Tools	: Jenkins
Config Management Tools	: Ansible, Docker, Kubernetes.
Bug/Issue Tracking	: JIRA, Confluence, Remedy, Service Now, IPCM
Operating Systems	: Windows and LINUX (RHEL, Ubuntu, CentOS, Suse).
Scripting/Programming Languages	: Shell, Python, SQL, HTML, JSON and YAML
Protocols/ Web Services	: HTTP/ REST
Infrastructure Monitoring	: Nagios, Monolith Assure Now, Prometheus, Grafana, ELK
Command Line Tool (CLI)	: AWS SDK, Kubectl, eksctl

Other Tools

: Visual Studio Code, PyCharm, Toad, SQL Developer, FileZilla.

## PROFESSIONAL EXPERIENCE

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### Persistent System Pvt Ltd

**6<sup>th</sup> Mar 2020 to till date**

Project Lead in DevOps

Persistent Systems is a technology services company which was incorporated on 16 May 1990 as Persistent Systems Private Limited. Persistent Systems is listed on the Bombay Stock Exchange and the National Stock Exchange. Shares in the company were listed on the National Stock Exchange of India in March 2010.

#### PROJECT:

Project Name : Cloud Infra

Client : Adobe

Team size : 7

Environment : Prometheus, Grafana, ELK (Elasticsearch, Logstash, Kibana), Git, Jenkins, **Docker, Terraform, Ansible, Kubernetes**, EKS Python/Shell Script, AWS, Jira and Confluence.

#### RESPONSIBILITIES:

- Implementing a Continuous Integration and Continuous Delivery (CI/CD) framework using Git, Jenkins, Docker, Kubernetes, Terraform.
- Migrations Datagood Dashboard and Alert to Prometheus/ Grafana Dashboard and Alert Monitoring.
- Write terraform scripts from scratch for Dev, Staging. Prod environment.
- Use Terraform to manage and provision **Infrastructure as Code**.
- Monitor a live Kubernetes cluster using Prometheus and Grafana.
- Implement DevOps practices such as infrastructure as code (Terraform), continuous integration and automated deployment
- Build visualization and Dashboards using Kibana.
- Used ELK (Elasticsearch, Logstash and kibana) for name search pattern for a customer.
- Configured logstash: input, filter, output plugins - database, jms, log file sources and elastic search as output converting search indexes to Elastic with large amount of data

### HSBC Software Development Pvt Ltd

**11<sup>th</sup> Feb 2019 to 30<sup>th</sup> Aug 2019**

Senior Software Engineer in Cloud ITID DevOps.

HSBC Holdings plc is a British multinational banking and financial services holding company.

It was the 7th largest bank in the world by 2018, and the largest in Europe.

#### PROJECT

Project Name : Cloud ITID Infra

Team size : 6

Environment : Unix/Linux, Python3.7, AWS SDK CLI, Git, Jenkins, Maven, Nginx, Terraform, Ansible, Docker, Python/Shell/Perl/Yaml Script, Nagios,

Kubernetes Dashboard (Prometheus, Grafana), Jira, Confluence.

## **RESPONSIBILITIES**

- Implementing a Continuous Integration and Continuous Delivery (CI/CD) framework using Git, Jenkins, Ansible, Docker, Kubernetes, Terraform in Linux environment.
- Ensure the container orchestration platform (Docker/Kubernetes) based on open-source technologies is regularly maintained and released to production without any downtime.
- Ensure that the container orchestration platform (Docker/Kubernetes) is maintained properly by measuring and monitoring availability, latency, performance and system health.
- Monitor a live Kubernetes cluster using Prometheus and Grafana.
- Implement DevOps practices such as infrastructure as code (Terraform), continuous integration and automated deployment
- Help the business control costs by categorizing and tagging assets running in the cloud
- Develop and maintain automated processes, tools, and documentation in support of Docker and Kubernetes container orchestration platform
- Produce weekly, monthly and quarterly uptime and status reports for production and critical internal infrastructure
- Maintains UNIX/Linux Operating System to provide optimum performance and system availability
- Monitored System Activities like CPU, Memory, Disk and Swap space usage to avoid any performance issues.
- Responsible for setting cron jobs on the servers.
- Configuration of Remote Access utilities, providing user access control on services like telnet, ftp and ssh.

## **ERICSSON INDIA GLOBAL SERVICES PVT LTD**

14<sup>th</sup> May 2015 to 30<sup>th</sup> Jan 2019

### **SENIOR ENGINEER in PYTHON/LINUX/CLOUD Admin.**

Ericsson is a multinational networking and telecommunications company. It offers services, software and infrastructure in information and communications technology for telecommunications operators.

#### **PROJECT:**

Client Name : MBNL

Team Size :10

Environment : Unix/Linux, Python3.7, AWS SDK CLI, Git, Jenkins, Maven, Nginx, Ansible, Docker, AWS(EC2,VPC,CloudWatch,CloudFormation,Terraform) Python/Shell/Perl/Yaml Script, Nagios, Kubernetes and VM.

## **RESPONSIBILITIES**

- Implementing a Continuous Delivery (CD) framework using Jenkins, Ansible, Docker, Maven in Linux environment.
- Responsible for Continuous Integration and Continuous Delivery process implementation using Jenkins along with Python and Shell scripts to automate routine jobs.
- Used Elastic Load balancers and Auto scaling groups to handle the traffic at peak times.
- Utilized Ansible as configuration management tools to deploy consistent infrastructure across multiple environments.
- User management and Patching on multiple Linux server using Automation tool Ansible.
- Script Troubleshooting of the servers hosting the different technology Wallboards.

- Daily Preventive maintenance and backup verifications for servers Netact, U2000, LSMR, OSS RC, SO EM EMS/NMS servers.
- Writing shell/python script for automation as per client requirements.
- Monitored System Activities like CPU, Memory, Disk and Swap space usage to avoid any performance issues.
- Software package and patch administration, involving adding and removing software packages and updating patches.
- Responsible for setting cron jobs on the servers.
- User accounts management, developing scripts for various system performances monitoring purposes and troubleshooting.
- Install, update and upgrade the packages using with rpm and yum tools.

### **HCL Technologies**

**22<sup>nd</sup> SEP 2011 TO 20<sup>th</sup> Apr 2015**

### **Software Engineer in HCL Technologies**

Project Title : iGates-BNP

Client : Aberdeen, Henderson, Nikko

Team Size : 9

Duration : Sep 2011 to Feb 2014.

Technologies : Solaris 10, Shell/Perl scripting, Oracle10g (SQL, PL/SQL), SQL Server 2000.

### **RESPONSIBILITIES**

- Resolved various incidents and tickets as per requirement using PL/SQL and UNIX shell/Perl scripting.
- Daily jobs include monitoring the application, data flow, solving daily issues.
- Daily batch monitoring of production jobs, which were scheduled in Control -M/Crontab.
- Working on user and system incident and Check the various log files for trouble shooting
- Developing complex SQL queries for extensive data extraction on user request and criteria.
- Maintain the root cause analysis (RCA) issues tracker sheet.