**SAMRESH MAHARANA**



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#### SUMMARY

Skilled DevOps Engineer with 3+ years of hands-on experience supporting, automating, and optimizing mission-critical deployments in GCP, leveraging configuration management, CI/CD, and DevOps processes, and 6+ years of experience as a Linux system admin.

#### EDUCATION

**B.Tech** from **MGM COET, University UPTU**, in the year 2014

**12Th** from **KIIT UNIVERSITY**, in the year 2010

**10Th** from **BSE ORISSA BOARD,** in the year 2008

#### SKILLS

* Knowledge of linux and scripting language like shell script.
* Proficient with various development, testing and deployment tools - Git, Jenkins, Docker, Kubernetes, Nagios
* Experience in developing CI/CD pipeline.
* Knowledge of major cloud service providers like Google cloud platform and it's various cloud services like CE, CR, CF, App engine, Load balancer, IAM & Admin, API Gateway, VPC network, PubSub, Big query etc.
* Hands-on knowledge of software containerization platforms like Docker and container orchestration tools like Kubernetes.
* Various web servers and application servers like Tomcat, NGINX.
* OS level networking.
* Leadership and teamwork.

#### EXPERIENCE

**iServeU private limited [ Dec 19 ]**

**Role: Team Lead (Devops)**

**Responsibilities:**

* Manage whole DevOps operations and responsible for the availability, latency, performance, efficiency, change management, monitoring, emergency response, and capacity planning.
* Production server configuration changes.
* Create containers/micro services in google cloud platform.
* Manage domain server and WAF (Cloudflare)
* Monitor error logs and criticality of server in kibana dashboard.
* Handle all system admin and networking work in the google cloud platform.
* Create and manage serverless services like cloud run and cloud function in GCP
* Create a site-to-site VPN tunnel in GCP.
* Maintain logs in stack driver for all services in google cloud.
* Automate tasks using shell scripting.
* Perform security operations in server and review firewall rules in both server and GCP level.

**Indiabulls consumer finance limited [ Oct 18 – Dec 19]**

**Role: Linux System admin**

**Responsibilities:**

* Manage IBM Websphere servers.
* IIB is used for communication with vendors like PAN india, EKO, etc.
* Configure and add services on Nginx LB.
* Create and deploy docker instances
* SQL query automate Cron jobs
* Monitor server health check.
* Find out application root cause issues and share with the developer.

**Jabong India [Apr 18 – Sep 18]**

**Role:** NOC Engineer

**Responsibilities:**

* New-Relic and Data-Dog monitoring tool.
* Documentation and reporting
* Network analysis and routine troubleshooting
* Engaging in on-call rotation shifts 24/7
* Identification and prevention of any potential issues regarding the network
* Deployment is done by Jenkins on the various test server and production server.
* Monitor servers that are hosted on AWS.

**One MobikWik Systems Private Limited [Dec 16 – Apr 18]**

**Role:** Associate Server Engineer

**Responsibilities:**

* Check\_mk monitoring tool.
* Deployment on Tomcat application server.
* Check Application logs for debug purpose.
* Shell script to automate tasks.
* Run sql query on production server to fetch reports.
* Provide user access on test Jenkins and various servers.
* IP track with given email id from the database.

**CMC limited [Nov 14 – Sep 16]**

**Project Name:** NCMRWF (The National Centre for Medium-Range Weather Forecasting)   
**Customer:** NCMRWF

**Role:** System Engineer

**Project Description:** Central Government project for **Ministry of Earth Science**.

Working as Linux System engineer on various models and servers (P6-IBM and iDataPlex). HPC environment and Linux-based workstation, Data encryption and Decoding and Analysis.

**Responsibilities:**

* Working as Linux System engineer on various models and servers (P6-IBM and iDataPlex) .
* HPC environment and Linux-based workstation, Data encryption and Decoding and Analysis.
* Handle the task of providing various operational support services for high-performance computing infrastructures at NCMRWF, data coming through multiple locations, data validation, and preparing weather model input data on Redhat Enterprise Linux with Parallel compilers and necessary system libraries.
* Also responsible for creating/editing Shell Scripts to run Weather Models as per client s requirements, application job scheduling using jo b scheduler like Platform LSF, job monitoring on daily basis for production jobs , and job automation using Crontab.
* HPC system health monitoring run different weather forecast models as per SLA to achieve timely application run and resolve user’s problem for their research applications.
* Also updating plots of different regions to the website on daily basis.

#### GLOBAL CERTIFICATIONS

**Red Hat Certification ID: 160-222-493**

* Red Hat Certified System Administrator (Red Hat Enterprise Linux 7)
* Red Hat Certified Engineer (Red Hat Enterprise Linux 7)

**Udemy Certification:**

* Getting started with Jenkins: key concepts for beginner
* Docker: beginner
* Ansible: key concepts for beginner

#### DECLARATION

I hereby declare that the details provided by me in this resume are correct and I have knowingly not misrepresented any information. I am aware that the company can use this data for verification purposes and any material inconsistency identified between the details shared above versus actual information would have a bearing on my employment, based upon company policies.