Apoorv Singh

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Professional Summary

- I am passionate about **automation** and **cloud architecture,** currently working as **Site Reliability Engineer**
- I have experience of **2.5 years** which includes server **infra architecting**, **automation**, **monitoring**, **tuning** and deploying of latest open-source tools on linux based systems.
- Worked on **AWS, GCP**
- Automation with **Bash, Python** and **Ansible**.
- Worked on **Apache/Nginx** servers.
- Familiar with **Linux Sysadmin** concepts.
- Monitoring of whole infrastructure with **Zabbix, NewRelic, Prometheus** and **Grafana**
- Efficient in implementing the latest tools and technologies related to my field.
- Provided round the clock support in 'on-call' shifts closely monitoring infrastructure.
- Efficient in automating various ad hoc tasks reducing tasks and deployment time greatly.
- Contributed majorly to **'Frugal' project** saving a noticeable amount of the firm's money.
- Worked hand to toe with **clients** which enhanced **client handling** skills.
- Efficient at collaborating across roles like managers, architects, developers, and testers to plan builds and deployment strategies.

Tools

Languages	C, C++, Python, Bash
Cloud Services	AWS, GCP
AWS Services	EC2, S3, VPC, RDS, Route 53, IAM, ElasticSearch, SNS, CloudWatch
Infra Automation	Ansible, Terraform
CI	Jenkins, GitLab
Monitoring Tools	Zabbix, NewRelic, Prometheus, Elastalert, Alertmanager
Databases	MySQL
Log Management	Logrotate, Logstash, ELK
Version Control	Github, Gitlab, BitBucket
WebServers	Nginx, Apache, Tomcat
Containerisation Tool	Docker, ECS
Scripting	Ansible, Python, Bash

Other Tools	Kafka, Zookeeper, JIRA, Scout

Experience

**BIRDEYE INC.
Gurgaon**
June 2019 - Current

Improved Monitoring of the whole infrastructure of around 1000+ servers.

Optimized alerts of the whole environment using **Zabbix**, **NewRelic**, **Prometheus**, **E.L.K**., and **Grafana**.

Introduced containerization for setting up new services using **Docker**.

Cloud Infrastructure as Code using **Terraform, Packer** and **Ansible.**

Automation of various ad-hoc tasks using **Python**, **Bash**, **Ansible**

Responsible for setting up **automated monitoring** and **alerting** of new services.

Contributed in **Frugal Project** by analyzing the under-utilized resources and migrating environments to spot and reserved instances saving thousands of dollars**.**

**OODLES TECH.
Gurgaon**
June 2018 - May 2019

Managed **4+ active projects** concurrently.

Managed **20+ on-premise** servers and **50+ cloud** servers.

Responsible for analyzing and **designing** whole infrastructure as per the client's requirements.

Responsible for **setting up**, **deploying** and **supporting** various projects in multiple environments.

Responsible for **migrating** all on-premise servers behind **VPN**.

Took an initiative in **monitoring** the on-premise servers.

Managed **Gitlab**, **Github** and **JIRA** administration.

Deployed multiple microservice architectures on managed containers using **Docker swarm** and **ECS**.

Supporting high throughput, high availability production environments round the clock.

Automation of ad-hoc tasks using **Bash Scripts**.

Educational Background

B.E. (Computer Science)
Jul 2013 - Jan 2018
Lovely Professional University,
Jalandhar, Punjab

Projects

Project	E Commerce Website
Objective	Customer reaching, High Sales
Description	A live E-Commerce website for a footwear manufacturing company to boost their sales online. Added features like sign in, live chatbox, comment section etc. Basic purpose was to create awareness about the online market to the partners of the firm.

APOORV SINGH