Apoorv Singh

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Professional Summary

- I am passionate about **automation** and **cloud architecture** having **2.3 years** of experience.
- Worked majorly on **infrastructure architect**, **tuning** and **deploying** latest **open source tools** on **Linux** based environments.
- 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++, Java
Cloud Services	AWS, GCP
AWS Services	EC2, S3, RDS, ECS, Route 53, IAM, ElasticSearch, CloudWatch, VPC
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	Python, Bash
Other Tools	Kafka, Zookeeper, JIRA

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**.

Automation of various ad-hoc tasks using **Python** and **Bash**.

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

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

<u>Projects</u>

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.

<div align="right"><u>**APOORV SINGH**</u></div>