

VIPUL SHARMA

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Cloud Architect, Infrastructure & Architecture

SUMMARY

8+ years of IT experience in Unix and Linux Administration with extensive experience Linux and Windows Server Administration.

EXPERIENCE

SHL:: July 2019 - Present

DevOps Lead | Architecture & Infrastructure

- Managed/created infra using CloudFormation.
- More Terraforming & Ansible.
- Serverless deployment using AWS Lambda's & CloudFormation templating for infra creation.

Core Projects:

VACDC:

- Serverless stack.
- Deployment using CloudFormation.
- CI/CD automation using Bamboo specs.

Migration of Aspiring Minds:

- Ansible playbooks from scratch for the whole projects that included 18+ services.
- Terraform to create infrastructure & Packer to create AMI's.

Clark, Germany, Frankfurt Am Main:: Oct 2018 - Mar 2019

Senior DevOps | DevOps & Architecture

- Immutable infra using Packer, Terraform, Ansible & Jenkins.
- Architecting & migration of legacy application to Kubernetes.
- Custom written manifests were created to develop custom monitoring solution for the entire CLARK infrastructure on K8s using Prometheus.

Core Projects:

Kubernetes & Monitoring system:

- Whole project was build from scratch using Ansible & Then further deployed on ec2. All the services, alertmanager configs, k8's permission, Everything about this project is custom and written as per the need of the organization.
- 1 Master 'Prometheus' /scraping data from 3 different 'Prometheus' /scrape configs deployed on 3 different 'Kubernetes Clusters'.
- Custom 'Alertmanager configs' to hit PagerDuty API.
- Exporters to put data from CloudWatch into Prometheus & consequently to Grafana into dashboard.
- Immutable Infrastructure, Destroy & Deploy.

Re-Structure the 'Backup' system:

- Ensuring daily 'Production DB Backups' & Further restoring the backups to '18 Staging DB' servers.

Moved older ActiveMQ to AWS AmazonMQ:

- Infrastructure deployment – Terraform.
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G4S:: Feb 2017 - Oct 2018

Lead DevOps Consultant | Cloud & Infra

- Design & implemented patch management on organizational level.
- Sole ownership of Atlassian product line.
- Terraform for infrastructure as code.
- Complete ownership of Infrastructure

Snapdeal:: May 2016 - Feb 2017

DevOps Engineer II | Cloud & Infra support

- Migration of Servers from AWS to on-premises cloud.
 - Creation of complete QA environment using Saltstack.
 - Write jobs to automate deployment process for staging and production environment.
 - Regular tasks include monitoring/maintenance of servers, Backing up File data and database.
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Cvent:: Jan 2014 - May 2016

IOPS Engineer | Production support

- Provide support for infrastructure issues.
- system problems, recommending solutions, and implementing initiative.

- Responsible to provide monitoring and support to resolve production incidents
 - Responsible to monitor and check alert for Virtual Machines for any issues.
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Sapient Nitro:: Sep 2012 - Dec 2013

NOC Engineer | Production support

- NOC monitoring.
- Network monitoring on infrastructure through Solarwinds.
- Application Server monitoring & troubleshooting through Nagios, Opsview & Foglight. Responsibility of taking affirmative action on P1 & P2 scenario.
- Hadoop installation & HDFS Configuration management.

EDUCATION

Guru Gobind Singh Indraprastha University

Jagannath International Management School: - Bachelor of Computer Applications 2009 – 2012

Punjab Technical University

Master of Computer Applications 2013 – 2015

TRAININGS & CERTIFICATIONS

- RHCSA - Red Hat
- RHCE - Red Hat
- Openstack – Red Hat
- Google cloud certified architect