



# VIPUL SHARMA

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**Cloud Architect, Infrastructure & Architecture**

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## SUMMARY

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

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## 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.

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### 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.

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## **EDUCATION**

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### **Guru Gobind Singh Indraprastha University**

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

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### **Punjab Technical University**

Master of Computer Applications 2013 – 2015

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## **TRAININGS & CERTIFICATIONS**

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