**Akash Kumar**

**Mobile:** +91-8427237972 **Email:** hclakash7@gmail.com

**Summary**

Versatile DevOps engineer with overall 4.5 years of experience having comprehensive understanding of network, Linux servers. Seeking to leverage proven CI/CD deployment skills to raise quality.

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| **Dev-Ops/Sys-Ops Skills** |

* AWS EC2, ELB, EKS, ECS, Auto Scaling Groups, S3/Glacier, VPC, Route53/DNS, RDS, Mysql, IAM users
* Hashicorp Suite (Consul, Nomad, fabio, Vault and Terraform)
* Docker Container Registry
* Docker Hub integration with Bitbucket for CI
* Docker daemon cluster using Consul backend
* Docker network using Contiv (netmaster/netplugin)
* Gitlab, Bitbucket and github pipeline setup for CI/CD.
* Sound knowledge configuration management tool Terraform
* Scala, nodejs and php app containerization and deployments
* Kafka, Apache zookeeper and Apache ignite cluster
* Apache solr cluster
* Dyn for DNS management, catchpoint for performance monitoring, Distil for bot protection, Sematext for log monitoring

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| **Server and Hardware** |

* Linux, DNS, IIS, DHCP, VPN Services
* Virtualization through KVM, HyperV and VMware
* Knowledge of Firewalls (Cisco and Sonicwall)
* Monitoring tools:PRTG and CACTI
* ELK (ElasticSearch ,Logstash and Kibana)

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| **WORK EXPERIENCE** |

**Spineor Webservices Pvt. Ltd (July** 2019 till now**)**

**Mohali, Punjab,**

**Working as: DevOps Engineer**

* Providing technical leadership for high professional team of Developers and DevOps.
* Configured architecture for microservices deployment from scratch using Hashicorp suite (Consul, Nomad, Fabio, Vault, Terraform).
* Deployed the first Production release of this project in Docker and ensured 99% uptime.
* Developed roadmap and configured Dev, QA, Staging and Production environment
* Extended the service to multiple datacenters
* Implemented CI/CD using Bitbucket and Nomad
* Managing 17 Dell BareMetal servers rack with Cisco Switch and Firewall
* Configured DSE Cassandra Cluster, Postgresql cluster using consul and HA proxy, Apache Solr, Kafka and Apache Ignite cluster all in Docker container
* Part of release management team and handling all Production deployments.
* Managing all third-party integrations (Distil, Sematext and Dyn)
* Managed DNS, CDN and SSL certificates

**Axtrics Solutions Pvt. Ltd. Mohali Network & Sytem Admin**, Dec 2018 to July 2019

Managing System Administration tasks (User Management, System Backup, and System Installation).

* Managing Sonic-wall Firewall (NSA 240).
* Apache Server, Ubuntu Server.
* Vendors Management.
* Was managing Samba Server.
* Was managing Mail Server (Zimbra) and Outlook.

**STPI Mohali Project Associate(Technical), Dec 2015 to Dec 2018.**

* Worked on DNS, Juniper Router and Cisco Routers,L3 switches.
* Network (WAN/LAN) Routing Switching (BGP).
* Maintaining Projector, Computer & VC device for Seminar.
* Network Monitoring Tools (PRTG, CACTI, Whatsup Gold).
* ISP management (TATA,Bharti,PGCIL)
* Managing Datacentre activities.
* ISP vendors management.

**Certifications**

**HCP** (HCL Certified Professional: - CCNA, Computer hardware and Networking, RHEL, Introduction of Cloud)

**Education Qualifications**

* BSc IT (IMS) from Sikkim Manipal University (2015)
* XII (Non-Medical) from G.S.S.S. Makreri, H.P.B.S.E. Dharamshala (2012)
* X from G.S.S.S. Makreri, H.P.B.S.E. Dharamshala (2010)

**Declaration**

I hereby declare that information mention above is correct to the best of my Knowledge.

Date:

Place:

Akash Kumar