

# Vivek Kumar

## DevOps Lead

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SGPGI, Lucknow, 226014

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Linkedin - <https://www.linkedin.com/in/vivekyad4v/> (most active)

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Github - <https://github.com/vivekyad4v>  
StackOverflow - <https://stackoverflow.com/users/3802507/vivekyad4v>

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### Overview

- 9+ years of experience in DevOps / SRE / Cloud Engineering.
  - Majorly working on Cloud computing, highly available & scalable cloud architecture, Infrastructure management, AWS cloud, container orchestration, Serverless frameworks, CICD, security, cost optimization, logging, monitoring.
  - Objective of bringing Dev & Operations team together, put a lot of automation, standards and best practices for continual business growth without much frictions.
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### Skills

**AWS Cloud** - VPC, EC2, IAM, RDS, DMS, EC, ALB, ASG, ES, Cognito, SSO, S3, Cloudfront, EFS, ECS, ECR, Elasticbeanstalk, Route53, SES, SNS, SQS, Data pipeline, EKS, Lambda, Cloudwatch, WAF, Guarduty, Config, DynamoDB, Redshift, SFTP, API Gateway, SSM, Parameter store, Secrets manager, CodePipeline, Organizations, AWS MSK/Kafka, VPC Transit gateways.

**SCM** - Bitbucket, Github

**Languages** - Bash, Golang, Python

**Infrastructure As Code** - Terraform, Cloudformation.

**Containerization** - Docker Engine|Compose|Swarm.

**Orchestration** - AWS ECS, AWS EKS, Kubernetes, Docker Swarm.

**CICD** - CodePipeline, Jenkins, TravisCI, Github actions

**Monitoring & Logging** - NewRelic, Logentries, ELK, Grafana, Prometheus, AWS Cloudwatch, SNS, PGanalyze, Slack, Squadcast/Pagerduty, Datadog, Coralogix.

**Serverless** - AWS Lambda, AWS API Gateway, AWS Cloudwatch, Golang, AWS SAM, SNS.

**Security** - SOC2, PCI, Pingsafe.

### Certifications

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## Experience

### BYJU's / DevOps Lead

October 2021 - Present, BANGALORE

- Managing a team focussed technically towards cloud computing, highly available & scalable cloud architecture, Infrastructure management, AWS cloud, container orchestration, Serverless frameworks, CI/CD, security, cost optimization, logging, monitoring.

### Happay / DevSecOps Lead

October 2017 - October 2021, BANGALORE

- Managing applications hosted on AWS for Deployments, Analytics, Databases, Monitoring, Integrations etc.
- Worked on Data Migration & Analytical projects.
- Worked on security aspects for SOC2 & PCI compliances.
- Containerization and Microservices.

### HashedIn Technologies / DevOps Engineer

June 2016 - October 2017, BANGALORE

- Managing applications hosted on AWS for Deployments, Analytics, Databases, Monitoring, Integrations etc.
- Worked on Containerizing most of the applications.
- Used Docker Swarm for Orchestration in a Data centre environment.
- Jenkins job as code (pipelines).

### NTT Data / Senior System Administrator Associate

June 2015 - June 2016, BANGALORE

- Worked on HAProxy, F5 & A10(managed) load balancers.
- Worked on GlusterFS, AFS, NFA filesystems.
- Managed Kerberos and Bind DNS servers.
- Supported customer applications on Apache Tomcat.

### RayMn & BR Technologies / Linux Administrator

July 2013 - May 2015, Lucknow

- Managed clients VPS in different hostings.
- Managed applications on LAMP, CPanel, WHM, Webmin, Virtualmin.
- Managed Squid proxy server.
- Configured OpenLDAP, NFS, PAM.
- Configured Nagios, Zabbix, NRPE, Monit, Observium for monitoring purposes.

- Configuring Kickstart, PXE/NetBoot, DHCP, NFS, TFTP, Samba & VNC servers.
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## **Education**

**AKTU / B.Tech (Computer Science) / 70%**

2009 - 2013, LUCKNOW

**Kendriya Vidyalaya / Higher Secondary School / 79%**

2009, PUNJAB

**Kendriya Vidyalaya / Secondary School / 75%**

2007, PUNJAB