

# VINAYAK SINGH

DevOps Engineer | AWS Certified Solution Architect (Associate) | Cloud Engineer

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## OBJECTIVE

Highly skilled and certified AWS Certified Solution Architect (Associate) with extensive experience in DevOps, Cloud Engineering, and Site Reliability Engineering (SRE). Proficient in designing, building, and maintaining scalable and reliable infrastructure. Seeking a challenging SRE position to leverage my expertise in infrastructure automation, cloud platforms, and continuous improvement to deliver exceptional results. Strong problem-solving abilities, quick learner, and a passion for collaborative work and innovation.

## TECHNICAL SKILLS

|                        |   |  |
|------------------------|---|--|
| Cloud                  | : | AWS, GCP   |
| CI/CD                  | : | Jenkins, Gitlab, GitHub Action, Bitbucket Pipeline, Argo CD Workflow                     |
| Version Control System | : | GitLab, BitBucket, GitHub  |
| IaC                    | : | Terraform  |
| Containerization       | : | Docker, AWS ECS, Kubernetes i.e. AWS EKS   |
| Log Aggregation        | : | AWS Cloudwatch, Logz.io, EFK Stack, ELK Stack  |
| Monitoring /Alerts     | : | AWS Cloudwatch, Prometheus, Grafana, DataDog   |
| Databases              | : | MySQL, AWS Aurora, MongoDB, Kafka, Elasticsearch, Redis                                  |
| Security               | : | KubeSeal (EKS), HashiCorp Vault, Security Audits   |
| Programming            | : | Bash (Shell Scripting), YAML, Python, Helm, Go (learning)                                |
| Operating Systems      | : | Linux (Ubuntu, Amazon Linux 2)   |
| Other Stack            | : | Slack, Clickup, Notion, Jira, Confluence, Slack, Metabase, <a href="#">Stackoverflow</a> |

## EXPERIENCE

|   |                     |
|---|---------------------|
| DevOps Engineer   | June 2022 – Present |
| <a href="#">Virtual Internships Partners Ltd</a> (Series A Startup) (United Kingdom)  | Remote, India       |
| <ul style="list-style-type: none"><li>Automated infrastructure provisioning and configuration using Terraform, contributing to seamless scaling and reliability.</li><li>Implemented and managed Elastic Kubernetes Service (EKS) infrastructure, ensuring real-time processing and delivery capabilities.</li><li>Integrated ArgoCD for continuous deployment and GitOps workflows, making the deployment process efficient and reliable.</li><li>Configured and maintained the EFK stack for centralized logging and analysis, enhancing observability.</li><li>Leveraged GitLab for version control, CI/CD pipelines, and collaborative development.</li><li>Utilized AWS ALB Ingress Controller for secure traffic management in EKS clusters.</li><li>Implemented KubeSeal for secure encryption of Kubernetes secrets, ensuring data protection.</li><li>Saved 30% on AWS Cloud Bills through cost optimization strategies.</li><li>Established an incident response framework with Grafana dashboards, reducing mean time to detect (MTTD) by 25%.</li><li>Participated in on-call rotation, responding to availability incidents and providing support to technical support engineers.</li><li>Documented infrastructure configurations, processes, and best practices, fostering knowledge sharing and best practices.</li></ul> |                     |

## DevOps Engineer

June 2021 – February 2022

### PRODT Consulting Services Pvt Ltd

Remote, India

- Created AWS infrastructure using ECS and BitBucket Pipeline for efficient deployment.
- Conducted infrastructure audits for resource optimization and cost management.
- Enhanced user authentication policies, improving security and access control.
- Migrated Jenkins jobs to GitHub Actions, enhancing CI/CD efficiency for 50+ jobs.
- Configured centralized log aggregation and monitoring using ELK, Prometheus, and Grafana, improving observability and incident response.

## Associate DevOps Engineer

April 2020 – May 2021

### Skyocean Shipping Pvt Ltd

New Delhi, India

- Established CI/CD processes on Digital Ocean, improving deployment speed and reliability.
- Upgraded WordPress architecture from shared hosting to dedicated EC2 and RDS on AWS, enhancing performance and scalability.

## System Administrator

April 2017 – March 2020

### Staunch Eventz Pvt Ltd

Noida, India

- Deployed websites on Digital Ocean using LEMP Stack for MERN-based applications.
- Managed on-premises computers, laptops, and software installations, ensuring smooth operations.

## EDUCATION

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### Bachelor of Computer Application; Major in Cloud Computing

March 2020

### Sikkim Manipal University of Distance Education

Distance, India

**Project:** Worked on various LEMP hosting projects on VPS and Linux Systems.

### Intermediate

May 2014

### Central Board of Secondary Education

New Delhi, India

## PROFESSIONAL ATTRIBUTES

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- **Certifications & Training:** [AWS Solution Architect: Associate](#) (December 2021 – December 2024)
- **Languages:** English (fluent), Hindi (native)
- Collaborative mindset with excellent communication skills, fostering a respectful and effective team environment.
- Proven ability to work independently and lead technical discussions, driving projects to successful completion.
- Security-first mindset, ensuring robust and secure infrastructure.
- Dedicated to continuous learning and sharing knowledge through code review, pair programming, and team collaboration.
- Experienced in leading and coaching junior engineers, promoting professional growth and development.