

VINAYAK SINGH

DevOps | Cloud | Platform Engineer

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OBJECTIVE

Seeking a challenging position in DevOps and Cloud, where I can utilize my passion for technology and deliver exceptional results. I possess expertise in Linux OS on AWS and GCP, and I proficiently utilize GitOps for implementing CI/CD and possess AWS Solution Architect Associate certification. Alongside my technical skills, I also bring a sense of humor to my work environment and have a strong ability to learn and adapt to new technologies quickly.

EXPERIENCE

DevOps Engineer

June 2022 – Present

Virtual Internships Partners Ltd (United Kingdom)

Remote, India

- Implemented and managed infrastructure on EKS (Elastic Kubernetes Service).
- Utilized Terraform for automated infrastructure provisioning and configuration.
- Configured and maintained EFK (Elasticsearch, Fluentd, and Kibana) stack for centralized logging and log analysis.
- Implemented and integrated ArgoCD for continuous deployment and GitOps workflows.
- Utilized GitLab for version control, CI/CD pipelines, and collaboration.
- Utilized AWS ALB Ingress Controller for secure access and traffic management in the EKS cluster.
- Implemented Kubeseal for secure and encrypted sealing of Kubernetes secrets in the EKS cluster, ensuring sensitive information is protected and cannot be tampered with.
- Identified and set up cost reduction of AWS Cloud Bills by 30%.
- Implemented monitoring and alerting solutions to detect and resolve issues proactively.
- Documented Infrastructure configurations, processes, and best practices.

DevOps Engineer

June 2021 – February 2022

PRODT Consulting Services Pvt Ltd

Remote, India

- Created AWS Infrastructure using ECS and BitBucket Pipeline for an OTA project.
- Conducted infrastructure audit, optimizing resource utilization and cost management.
- Evaluated and enhanced user authentication policies for secure access control.
- Implemented proactive cost alerts to monitor AWS expenses effectively.
- Automated infrastructure deployment for containerized Java web app on ECS/Fargate.
- Migrated Jenkins jobs to GitHub Action for improved CI/CD.
- Configured centralized log aggregation and monitoring using ELK, Prometheus, and Grafana.

Skyocean Shipping Pvt Ltd

April 2020 – May 2021

Associate DevOps Engineer

New Delhi, India

- Set up an in-house project to deploy on Digital Ocean by setting up CI/CD over Jenkins.
- Upgraded WordPress architecture from shared hosting to dedicated EC2 and RDS on AWS.

System Administrator

April 2017 – March 2020

Staunch Eventz Pvt Ltd

Noida, India

- Deployed Website on Digital Ocean using LEMP Stack for MERN based on its application.
- Managed on-premises computers, and laptops for OS management, software installations, and intranet connectivity.

EDUCATION

Sikkim Manipal University of Distance Education

Bachelor of Computer Application; Major in Cloud Computing

- Worked on various LEMP hosting projects on VPS and Linux Systems.

March 2020

Distance, India

Intermediate

Central Board of Secondary Education

May 2014

New Delhi, India

TECHNICAL SKILLS

- **Cloud** : AWS, GCP
- **CI/CD** : Jenkins, Gitlab, GitHub Action, Bitbucket Pipeline, ArgoCD
- **Version Control System** : GitLab, BitBucket, GitHub
- **IaC** : Terraform
- **Containerization** : Docker, AWS ECS, Kubernetes i.e. AWS EKS (beginner)
- **Log Aggregation** : AWS Cloudwatch, Logz.io, EFK Stack, ELK Stack
- **Monitoring /Alerts** : AWS Cloudwatch, Prometheus, Grafana
- **Databases** : AWS RDS, MySQL, MariaDB, MongoDB, PostgreSQL
- **Security** : KubeSeal (EKS), Security Audits, Best Practices
- **Programming /Scripting** : Bash, YAML, Python (Basic)
- **Operating Systems** : Linux (Ubuntu, Amazon Linux 2)
- **Other Stack** : Clickup, Notion, Jira, Confluence, Slack, Metabase, [Stackoverflow](#)

OTHER

- **Certifications & Training:** [AWS Solution Architect: Associate](#) (December 2021 – December 2024)
- **Languages:** English (fluent), Hindi (native)