

Abhinand N S - DevOps Engineer

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Summary

DevOps Engineer with 3 years of hands-on experience in architecting/ automating and optimizing critical deployments over cloud infrastructure. Proficient in configuring management tools and developing CI/CD pipelines.

Experience

→ DevOps Engineer at AW Definitive Healthcare (Apr 2022)

- Integrated security scanning platforms in CICD for code base and image registry
- Developed **Helm** charts for Kubernetes deployments and maintaining **Chartmuseum**
- Developed AWS CLI scripts in python and bash to **automate** various tasks
- Integrated **DataDog** to cluster as a primary monitoring tool. Maintaining **Grafana** Prometheus stack for international applications.
- Assisted in the **migration** of all existing resources into the parent company account.
- Involved in security audits of Cloud deployments, Kubernetes, and platform integrations.

→ DevOps Engineer at Accubits Technologies Inc (July 2020 - Feb 2022)

- Involved in software development and IT operations along with communication & collaboration skills needed to execute the end-to-end DevOps pipeline seamlessly, spanning development, build, test, release, deploy, etc. and monitoring stages.
- Migrated monolithic application into scalable **microservice** architecture and deployed in **Kubernetes** with service mesh.
- Maintained git workflows for version control (Source Code Management)
- Developed and maintained automated CI/ CD pipeline using Jenkins and runners
- Provisioned Servers and deployed features using Ansible and **Terraform**
- Orchestrated Docker container cluster using Kubernetes/ Docker Swarm
- Worked on both public and private cloud, such as **AWS, GCP, E2E** worked with managed services such as ECS, EKS, GKE, ELB, EC2, S3, CDN, DynamoDb, SQS, etc
- Automated DevOps architect, to improve efficiency, and to meet organizations' needs
- Being a DevOps evangelist, took ownership of the cultural change initiated by DevOps. Crafted new workflows for collaboration, check-in on team member wellbeing, and promoted the benefits of DevOps to both employees and team leaders.
- Have been in charge of code releases and deploying them on properly managed **cloud** infrastructure
- Identify the correct point in the SDLC to conduct application security and compliance testing. Upholding privacy and security principles across the job.
- Perform root cause analysis for errors and **troubleshooting** issues

→ Back End Developer, Kerala Legislative Assembly (Dec 2019 - Jun 2020)

- Working with live video telecasting servers of Kerala legislative assembly. Maintenance, Monitoring,

and data backup of several redundant servers containing terabytes of video files with the associated database.

- Work closely with the IT staff to **troubleshoot** networking/server issues
- Application development and deployment in bare metal servers.
- Configuring various Linux (Ubuntu, CentOS) servers with command line and scripts, deployed Apache, Nginx web servers.
- Worked extensively on **shell scripting** for system administration and Network automation
- MySQL server administration includes Replication, Restore & Backup.
- Configuring DNS, FTP, SMTP, DHCP, Squid, NTP servers on Linux Platforms.

Skills

- Knowledge in Linux OS and Scripting languages (**Python**, Php, **Bash**, etc.).
- Proficient with various development, testing, and deployment tools - Git, Jenkins, Docker, Kubernetes, Ansible.
- Experience in developing CI/ CD pipelines and Infrastructure as Code (**IaC**).
- Good knowledge in **Databases** like MySQL, PostgreSQL, Mongo, Elasticsearch, MariaDB
- **Cloud**: AWS, GCP, Azure, Alibaba Cloud, E2E, OVHcloud, DigitalOcean
- **Tools & Utilities**: Linux, Jenkins, Docker, **Kubernetes**, **Terraform**, Grafana, Prometheus, **Helm**, Jira, Git, Bit Bucket, Gitlab, Visual Studio, Jupyter Notebook, Snort, Sonarqube,

Licenses & Certifications

- **Certified Kubernetes Administrator | CKA** - The Linux Foundation
- **Certified Associate in Python Programming** - KodeKloud
- **Advanced Diploma System Security Analyst** - National Institute of Electronics & Information Technology(NIELIT)

Academic Qualifications

- 2015-2019 **Bachelor's** in computer science engineering from CEA, Trivandrum, Kerala
- 2013-2015: HSC from JDT HSS, Calicut, Kerala