

NITHIN K

DevOps Engineer

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Summary:

AWS Certified Solutions Architect – Associate, trained in Linux system administration, basic automation with Python/Bash, and managing virtualized environments using VMware and VirtualBox. A quick learner with strong troubleshooting and networking fundamentals. Eager to apply cloud-native principles in real-world environments and grow within a forward-thinking cloud team.

SOFT SKILLS -

- Effective Communication
- Quick Learner
- Strong Problem Solving Skills
- Analytical Thinking
- Efficient Task Prioritization

CERTIFICATIONS

APPONIX ACADEMY DATE OF COMPLETION – APRIL 2023

- AWS Certified Solutions Architect – Associate, Amazon Web Services (AWS)
- Linux Foundation Certified System Administrator
- Certified DevOps Engineer

EDUCATION

BE

MS ENGINEERING COLLEGE
BE IN MECHANICAL
GRADUATION YEAR : 2024.

II PUC

ST JOSEPH PU COLLEGE
YEAR OF PASSOUT 2015

SSLC

RT NAGAR PUBLIC SCHOOL
YEAR OF PASSOUT 2011

✳ Technical Training

Apponix Technologies - Oct 2022 – April 2023

- Installed and configured RHEL using VirtualBox; managed users, groups, and permissions.
- Automated recurring tasks using cron, at, and Bash scripting.
- Configured DNS, NTP, SSH, and static IPs for Linux networking.
- Built and deployed AWS infrastructure (EC2, VPC, IAM, S3) using Terraform & CloudFormation.
- Developed CI/CD pipelines using Jenkins, GitHub, and GitLab CI.
- Containerized applications using Docker and deployed with Kubernetes.
- Automated configuration tasks using Ansible for faster provisioning.
- Set up system monitoring dashboards using Prometheus and Grafana.
- Referred to system documentation (man, info) for command usage and troubleshooting.

DevOps & Cloud Toolset

- **Cloud Technologies:** AWS (EC2, S3, Lambda, VPC)
- **Version Control:** Git, GitHub, GitLab
- **Automation & Scripting:** Python, Bash, PowerShell
- **CI/CD Tools:** Jenkins
- **Containerization & Orchestration:** Docker, Kubernetes
- **Configuration Management:** Ansible
- **Operating Systems:** Linux (Ubuntu, CentOS, Redhat), Windows Server
- **Networking:** TCP/IP, DNS, VPN, Load Balancers
- **Monitoring & Logging:** Amazon CloudWatch, ELK Stack (Elasticsearch, Logstash, Kibana)
- **Virtualization:** VMware, VirtualBox
- **Databases:** MySQL
- **Security:** SSL, SSH, firewalls, IAM (Identity Access Management)

PROJECTS

- CI/CD Pipeline with Jenkins & AWS.

Automated code build, test, and deployment from GitHub to AWS EC2 using Jenkins. Improved deployment speed and reduced manual efforts.

- AWS Infrastructure with CloudFormation.

Used CloudFormation to provision scalable and secure AWS infrastructure including VPCs, subnets, and EC2 instances.

- Dockerized App with Kubernetes.

Containerized a Node.js app and deployed it on a Kubernetes cluster. Enabled auto-scaling and load balancing with K8s services.

- Three-Tier Architecture with Terraform.

Deployed a full-stack web app on AWS using Terraform. Automated provisioning of networking, compute, and database resources.