

# Ashwini Shinde

(DevOps Engineer)

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## Introduction

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**AWS Certified Solution Architect – Associate with 2+ years of hands on experience in** Architecting/automating and optimizing mission-critical deployments over a large infrastructure. Proficient with Configuration Management tools, Orchestration tools, Containerization. Hands-on experience with cloud computing, Infrastructure as a code and scripting.

## Experience Details

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Nowon Technologies Private Limited  
Bengaluru, Karnataka, India (Remote)

Nov 2022 – Present

## Roles and Responsibilities

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- **Git** for effective source code management, implementing version control system for codebase tracking. Additionally, **GitHub** is used for storing, preventing and collaborating a source code of project. also manage branching strategies for reducing errors.
- Collaborated with development teams to streamline **CI/CD** pipelines, improving code deployment efficiency.
- Managed containerized applications with **Docker** enhancing application scalability. authored Docker files in go language to build Docker images and used these images to create containers. Additionally, worked on extensively with Docker networks and volumes.
- Orchestration tool such as **Kubernetes**. In Kubernetes, automating the deployment, auto-scaling and management of containerized applications. For automating deployment wrote a **yml** file by using many objects like **Pods, Replica Controller, Replica Set, Deployment set, Daemon Set, Secret and config map** is for keep credential secretly. Also deploying microservices architecture with ingress object.
- Implemented monitoring solutions with **Prometheus** and **Grafana**, resulting decrease in incident response times.
- Developed and maintained infrastructure as code (IaC) using **Terraform**, enabling consistent and repeatable deployments. And create our Infrastructure on Cloud. In terraform I used block like **Provider, Resource, Terraform, Data, Variables, Output and Module** to create **tf** file which written in **HCL**.
- Configuration management tool **Ansible** for managing applications configuration, Automated routine tasks and reducing manual intervention, Applied playbooks for executing configuration deploy our tasks effectively.
- **Jenkins** for a automate the parts of software development lifecycle. automate the parts of software development related to building, testing and deploying. it's facilitating continuous integration and continuous deployment. responsible for establishing end-to-end CI and CD pipelines which integrating various tools such as **Git, Docker, SonarQube and Kubernetes**.

- Automated deployment processes using **Jenkins, Ansible and Terraform** reducing deployment time.
- Designed and implemented scalable **AWS** infrastructure using best practices for security, performance and cost management.
- Implemented security measures including **IAM** policies, encryption, and compliance standards to protect sensitive data.
- Storage services **S3** service for to store, protect and retrieve data from s3 bucket, **EBS** is for storing our data in Disk, **EFS** to manage data mobility. This all services helps to cost optimisation purpose.
- Set up monitoring solutions using Amazon **CloudWatch** and other tools to track system performance and generate alerts for anomalies.
- Experienced in Software Package Management with **yum** and **apt-get**, Managed Roles and Permissions of Users and Groups to give secured access.
- For Security purpose, Configured Security Groups (**Firewalls**), Network Access Control List (**NACL**) and applied **SELinux** policies to secure hosted servers. And also management VMware.
- Conducted performance tuning and capacity planning for **Linux servers**, ensuring optimal resource utilization.
- Provided technical **support** and **troubleshooting** for complex issues & ensuring minimal downtime.
- Configured, maintained and monitored Linux servers and automated routines tasks using **shell scripts**.

## Technical Skills

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• Cloud Platforms	-	AWS, Azure , GCP.
• IAC	-	Ansible.
• Build Tools	-	Maven.
• Containerization	-	Docker, ECS, Fargate.
• Orchestration	-	Kubernetes, Eks, HELM.
• SCM	-	Github , Gitlab.
• CI Tools	-	Jenkins, Gitlab-ci, Cloud Build
• CD Tools	-	Jenkins, ArgoCD
• Config. Management	-	Ansible
• Web Server	-	Apache Webserver, Apache Tomcat, Nginx, nohup
• Monitoring	-	Prometheus, Grafana, Cloudwatch
• Storage	-	S3, EFS, Cloud Storage
• Scripting Language	-	Bash Scripting, Python, go
• Programming Language	-	C, C++, Java
• LinuxOS	-	Ubuntu18, Centos 7, RHEL 7
• SQL	-	MariaDB, Postgresql, MySQL

## Certifications

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**Certification Name : AWS Certified Solutions Architect – Associate**

**Credential URL:**

[https://www.credly.com/badges/44102bd5-668d-4da6-a8fb-37dc632cf4e5/public\\_url](https://www.credly.com/badges/44102bd5-668d-4da6-a8fb-37dc632cf4e5/public_url)

**Validity: 20 Jan 2025 to 20 Jan 2028**

## Personal Details

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**Education:** BCA(Sci).

**Marital Status:** Unmarried.

**Languages:** English, Hindi and Marathi.

**Hobbies:** Writing, Travelling and Dancing.