

# ABHIJEET GADGE

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## SUMMARY

DevOps Engineer skilled in **AWS, Docker, Kubernetes, Terraform, and Ansible** with hands-on experience building **CI/CD pipelines**, automating deployments, and managing cloud infrastructure for scalable, reliable systems.

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## PROJECTS

### AWS EKS Cluster with Horizontal Pod Autoscaling (HPA)

- Deployed a containerized PHP application on AWS EKS created via eksctl.
- Configured **Horizontal Pod Autoscaler** using Kubernetes Metrics Server to scale pods based on CPU utilization.
- Simulated high load using continuous HTTP requests to validate real-time autoscaling.
- Exposed the app externally via a LoadBalancer service for **high availability and scalability**.

### Java Web App CI/CD Pipeline with Jenkins & Docker

- Built and containerized a Java Maven application with a **scripted Jenkins pipeline** to automate build, Dockerization, and deployment.
  - Pushed Docker images to **Docker Hub** and implemented **version tagging & rollback** for safe deployments.
  - Integrated GitHub with Jenkins via **webhooks** for automatic triggers.
  - Reduced manual intervention, ensuring consistent, reproducible deployments.
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## SKILLS

- **Cloud Platforms:** AWS (EC2, S3, EKS, VPC, IAM, Route 53)
- **Containerization & Orchestration:** Docker, Kubernetes (Deployments, Services)
- **CI/CD & Automation:** Jenkins, Argo CD, Maven, SonarQube, Nexus, DockerHub

- **Infrastructure as Code (IaC):** Terraform, Ansible
  - **Programming & Scripting:** Python, Bash/Shell Scripting
  - **Version Control:** Git, GitHub
  - **Monitoring & Logging:** Prometheus, Grafana
  - **Operating Systems:** Linux Administration (User Management, Permissions, System Monitoring)
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## EXPERIENCE

### DevOps Intern – LinuxWorld Informatics Pvt Ltd

May 2024 – July 2024 | Jaipur, India

- Provisioned and managed AWS resources including **EC2, S3, IAM, VPC, Route 53**.
  - Containerized apps with Docker and deployed via **Kubernetes & Helm**.
  - Built **CI/CD pipelines** integrating GitHub, Maven, SonarQube, Nexus, and DockerHub.
  - Automated tasks using **Bash scripts**, reducing manual errors.
  - Managed Linux servers (user accounts, permissions, system monitoring).
  - Practiced **GitOps** deployments using Argo CD.
  - Used Python for automation and data processing scripts.
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## EDUCATION

### Bachelor of Engineering – Computer Science & Engineering

Sipna College of Engineering & Technology, Amravati (2020–2024)

Cumulative GPA: **7.9 / 10**

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