

# Kartik Ingale

kartikingale2468@gmail.com +91-9322334001 Sangamner, Ahilyanagar  
linkedin.com/in/kartik-ingale-70a6211ba

## Professional Summary

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AWS and DevOps Engineer with strong foundational knowledge in Cloud Computing, Linux, Networking, CI/CD pipelines, Version Control, Automation, and Infrastructure as Code (IaC). Hands-on experience working on AWS services (EC2, VPC, IAM, S3, CloudWatch), building pipeline automation, and deploying applications using Docker, Git, and Terraform. Passionate about automation, scalability, cost-optimization, and solving real-world DevOps problems.

## Professional Experience

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### AWS and DevOps Training

Jun 2025 – Present

- Worked on AWS services including EC2, S3, IAM, VPC, RDS, and CloudWatch for deployment and monitoring.
- Built CI/CD pipelines using Jenkins with GitHub integration for automated deployments.
- Containerized applications using Docker and deployed them on Kubernetes (Minikube / EKS basics).
- Automated infrastructure provisioning using Terraform (VPC, EC2, IAM, Security Groups).
- Configured Load Balancers and Auto Scaling Groups for high availability.
- Managed application deployments using Elastic Beanstalk.

## Technical Skills

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- **Cloud (AWS):**
  - EC2, S3, IAM, VPC (Subnets, Routing), NAT Gateway, Internet Gateway
  - Load Balancer (ALB), Auto Scaling Group
  - CloudWatch, CloudTrail
  - EBS, EFS, RDS (Basics)
  - Route 53
- **DevOps Tools:**
  - Git & GitHub
  - Jenkins (Pipeline, Freestyle Projects)
  - Docker (Images, Containers, Dockerfile, Docker Compose)
  - Terraform (IaC, Providers, Modules)
  - Ansible (Basics)
  - Shell Scripting

## Projects

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- **Project Title: CI/CD Pipeline for Web Application Using Jenkins**

**Technologies:** Jenkins, Git, GitHub, Linux, Shell Scripting

**Description:** Built an automated CI/CD pipeline that pulled code from GitHub, triggered builds through webhooks, executed deployment steps using shell scripting, and delivered continuous integration and deployment through Jenkins running on AWS EC2.

- **Project Title: Dockerized Web Application Deployment**

**Technologies:** Docker, Dockerfile, Docker Hub, Docker Compose

**Description:** Containerized a sample web application by creating a custom Dockerfile, pushing the image to Docker Hub, and deploying a multi-container environment using Docker Compose for improved portability and consistency.

- **Project Title: Infrastructure as Code (IaC) with Terraform**  
**Technologies:** Terraform, AWS EC2, VPC, Subnets  
**Description:** Automated provisioning of AWS resources using Terraform. Created Terraform configuration files to deploy VPC, subnets, route tables, and EC2 instances. Followed the workflow: terraform init → plan → apply.
- **Project Title: Scalable Web Application Deployment on AWS**  
**Technologies:** EC2, S3, VPC, IAM, Elastic Beanstalk, ALB, Target Groups, Auto Scaling, CloudWatch, Security Groups  
**Description:** Designed and deployed a scalable web application using Elastic Beanstalk and EC2 within a secure VPC. Configured IAM roles, Security Groups, Application Load Balancer, Target Groups, and Auto Scaling to ensure high availability and performance. Monitored application health and metrics using Amazon CloudWatch for proactive optimization.

## Functional Responsibilities

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- Designed and implemented a secure, scalable cloud architecture using AWS services.
- Launched and configured EC2 instances within a VPC for application hosting.
- Stored and managed application data in Amazon S3 with versioning and lifecycle rules.
- Configured Application Load Balancer (ALB) with Target Groups for efficient traffic distribution.
- Implemented Auto Scaling to handle fluctuating workloads and maintain performance.
- Built CI/CD pipelines using Jenkins and GitHub for automated deployments.
- Containerized applications with Docker and worked with Kubernetes (Minikube/EKS basics).
- Automated infrastructure provisioning using Terraform (VPC, EC2, IAM, SG).
- Monitored logs and metrics via CloudWatch and configured alarms.

## Education

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<b>B.E in Electronics and Computer Engineering</b>	<b>2021 – 2025</b>
Pravara Rural Engineering College , Loni Bk	CGPA: 6.88
<b>Higher Secondary Certificate (HSC)</b>	<b>2020 – 2021</b>
Dnyanmata Jr. College, Sangamner	Percentage: 68.83%
<b>Secondary School Certificate (SSC)</b>	<b>2018 – 2019</b>
Samata Vidya Mandir Jorve	Percentage: 81.20%

## Certifications

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- National Level Project Competition TECH EXPO-2025 Organized By PREC LONI

## Personal Details

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- Full Name: Kartik Nitin Ingale
- Date of Birth: 08 Jan 2004
- Gender: Male
- Languages: English, Hindi, Marathi

## Declaration

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I hereby declare that the information given above is true to the best of my knowledge.