

## NANDKISHOR METANGE

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### SKILLS

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- ❖ **Scripting Languages:** Shell Scripting, Groovy (DSL), YAML
- ❖ **AWS Services:** EC2, VPC, S3, IAM, RDS, ELB, CloudWatch, CloudTrail, AWS Backup, Lambda, Route 53, CloudFront, Elastic Beanstalk, EventBridge, CloudShell, SNS
- ❖ **DevOps Tools:** Maven, Tomcat, Apache2, Git, Jenkins, Docker, Docker Compose, Ansible, Terraform, Terratest, Kubernetes
- ❖ **Operating Systems:** Windows, Linux, Ubuntu

### EXPERIENCE

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#### AWS Cloud Engineer | Centilytics

Feb 2024 – Present

- ❖ Designed and maintained secure VPCs with NAT gateways and bastion hosts for 15+ EC2 workloads, minimizing public exposure and improving fault tolerance using ALBs and Auto Scaling Groups for 99.99% uptime.
- ❖ Reduced compute and database costs by ~20% through instance resizing, AMI-based backup automation, and RDS performance tuning, demonstrating strong analytical and cost-optimization skills.
- ❖ Improved data security by hardening IAM across 20+ AWS accounts with custom RBAC policies, cutting excessive privileges by 60%, and configuring secure S3 hosting with MFA delete and versioning.
- ❖ Implemented EC2/RDS AWS Backup plans with quarterly restore tests, ensuring 100% disaster recovery compliance and accountability.
- ❖ Collaborated cross-functionally to streamline infrastructure provisioning by 35% using Terraform modules and Git-based workflows, enhancing teamwork and reducing manual errors.
- ❖ Utilized Kubernetes for orchestrating containerized workloads and employed Terratest to validate Terraform infrastructure code, ensuring robust and reliable deployments.
- ❖ Communicated implementation strategies and integrated AWS SSO for 80+ users, improving cross-team access efficiency and reducing support tickets by 20%, showcasing strong communication and problem-solving skills.
- ❖ Enhanced observability and incident response by centralizing CloudTrail logging and setting up real-time SNS/CloudWatch alerts, reducing resolution time by 25% through proactive ownership and adaptability.

#### AWS Cloud Engineer | Srijan Technologies

Aug 2022 – Feb 2024

- ❖ Built Jenkins CI/CD pipelines for 3+ projects, reducing deployment turnaround time by 10% and increasing release consistency through collaborative development.
- ❖ Containerized 5+ legacy applications using Docker and Docker Compose, improving environment parity across dev, QA, and prod by 25%, showcasing adaptability.
- ❖ Improved provisioning accuracy by 30% and accelerated Dev–UAT sync by 20% via infrastructure-as-code with Terraform and Ansible.

- ❖ Led the migration of applications to AWS and managed the setup and upgrade of EKS clusters, enhancing scalability and automating cluster operations to support production-grade workloads.
- ❖ Led and coordinated Git branching strategy across 3 geographically distributed teams, improving code integration and reducing merge conflicts by 40%—demonstrating leadership and cross-cultural collaboration.
- ❖ Developed and maintained 20+ CloudWatch dashboards to monitor performance, application health, and security metrics, enabling quick issue detection and showcasing attention to detail and initiative.

## EDUCATION

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- ❖ Bachelor of Engineering | Jul 2017 – Aug 2021  
SGBA University, Amravati, Maharashtra

## PROJECTS

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### Cloud Migration & Deployment – Nijikart (Shopify Bookstore)

Centilytics | Jan 2025 – Feb 2025

- ❖ Migrated Django-based publishing backend from on-prem to AWS Elastic Beanstalk, improving deployment speed by 30% using EB CLI and Celery automation.
- ❖ Executed a zero-downtime RDS migration of 20GB+ live data with 100% integrity, ensuring uninterrupted service for 500+ users and maintaining stakeholder trust.

### MyCare – Personalized Healthcare Platform

Srijan Technologies | Aug 2022 – May 2023

- ❖ Built Jenkins CI/CD pipelines, provisioned EC2 instances with AMIs, and implemented backup and log monitoring automation via CloudWatch—reducing manual maintenance by 40%.
- ❖ Secured and scaled the QA infrastructure using IAM policies, Application Load Balancer, VPC peering, and RDS read replicas—achieving 99.9% availability and audit compliance.

## CAREER JOURNEY

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Aug 2021 – Jul 2022 | Upskilled in Cloud & DevOps Technologies

Completed foundational learning in cloud computing and DevOps through online resources, forums, and hands-on labs. Built small-scale projects using Linux, AWS, Docker, Jenkins, and Terraform to gain practical exposure. This period provided a strong technical base and shaped a focused transition into a DevOps career starting August 2022.