

# Krishna Nikam

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## PROFILE SUMMARY

Software Engineer with 6 months of hands-on experience in building and deploying cloud-native applications, managing AWS infrastructure, implementing CI/CD pipelines, and working with Kubernetes for scalable deployments.

## EDUCATION

Bachelor of Engineering (Information Technology),

Pune | Nov 2022 – Present

## SKILLS

**Languages & Frameworks:** Python, C++, Django, Javascript, HTML, CSS.

**Full-Stack Development:** React.js, Node.js, Express.js, MongoDB, MERN Stack

**Databases & APIs:** MySQL, SQL, PostgreSQL, RESTful APIs

**Development Tools:** Git, Docker, Postman, CI/CD Pipelines, Jira

**Cloud:** AWS

**DevOps tools:** Docker, Kubernetes, Jenkins, Terraform (IAC), Ansible, Observability (Prometheus, Grafana, ELK stack)

## Internship

Teleglobal International

Pune , Maharashtra

Cloud Engineer Intern

Nov 23 – April 24

- Managed 50+ AWS instances and S3 buckets, achieving 99% uptime for critical applications.
- Automated resource scaling using Auto Scaling, reducing manual intervention by 40%.

Edunet Foundation

Pune, Maharashtra

WebDev-Intern

Feb 2025 – March 2025

- Developed a full-stack web application using MongoDB, Express.js, React.js, and Node.js with features like user authentication, CRUD operations, and RESTful APIs as part of internship training.
- Built a full-stack expense tracker using MongoDB, Express.js, React.js, and Node.js with user authentication, category-wise expense tracking, and RESTful API integration.

## PROJECTS

**Three-Tier Chat App (Kubernetes)**

- A full-stack chat application built with React (frontend), Node.js (backend), and MongoDB (database). All components are containerized using Docker and deployed on a local Kubernetes cluster via Minikube.

[Project-checkout-link](#)

**Terraform EC2 Deployment with Remote Backend (S3 + DynamoDB)**

- Provisioned an AWS EC2 instance using Terraform with a remote backend configured via S3 for state file storage and DynamoDB for state locking.

[project-checkout-link](#)

**Monitoring on AWS EKS (kube-prometheus-stack)**

- Configured a robust monitoring and alerting system on an AWS EKS cluster using the kube-prometheus-stack (Prometheus, Grafana, Alertmanager)

[project-checkout-link](#)

**Expense Tracker (MERN Stack)**

- Developed a real-time expense tracking application with features like income/expense entry, transaction history, and dynamic balance calculation.

[project-checkout-link](#)