



YOGENDRA KOKAMKAR

Sr. PLATFORM & DEVOPS ENGINEER

Details

Mumbai
+91 9594735538
yogendrak43@gmail.com

Links

linkedin.com/in/yogendra-kokamkar
github.com/yogendra-kokamkar
stackoverflow.com/users/13776431/yogendra-kokamkar

Skills

- Linux
- AWS
- Docker
- Kubernetes
- Helm
- Gitlab CI
- Jenkins
- Terraform
- Ansible
- YAML
- Git and GitHub
- Python
- Shell Scripting
- Nexus and Nexus IQ
- SonarQube
- Maven
- SQL
- Splunk
- Grafana
- Prometheus
- IAM
- Collaboration
- Team Management
- Leadership Skills

Education

BACHELORS IN INFORMATION TECHNOLOGY

University of Mumbai

06/2016 - 09/2020

CGPA 9.13/10

Highlights/Achievements

- Achieved 1st rank in college for IT Department.
- Achieved 1st rank in cloudathon,2020
- Achieved 1st rank in responsive website development, 2019
- Technical head of multiple events in Exalt,2019
- Instructor for Networking Lab for IT department, 2020
- Member of Open-Source Technology Lab
- Event manager for multiple events in Ojus, 2019
- Captain of college's Volleyball team
- Member of college's Football team

PROFILE

Senior Platform & DevOps Engineer building developer-focused DevOps platforms, automating software delivery, IaC, and CI/CD. Skilled in cloud, containers, and configuration management, with expertise in Docker, Kubernetes, AWS, and Terraform. Passionate about cloud platforms, DevOps, MLOps, and emerging tech, with a strong track record of improving efficiency, scalability, and ensuring security compliance.

EXPERIENCE

Sr. Platform & DevOps Engineer, Nomura

January 2025 - Present

- Designed and maintained a GitLab CI platform enabling developers to seamlessly deploy applications, reducing deployment time by 40%, administered and supported a self-hosted GitLab environment serving 200+ projects.
- Built and maintained multiple CI/CD pipelines on Jenkins and GitLab CI for automated build, test, and deployment workflows.
- Set up and maintained SonarQube for static code analysis, increasing code quality compliance rates by 25% across all projects.
- Configured and managed Nexus Repository for artifact storage and Nexus IQ for artifact security scanning, ensuring 100% vulnerability compliance before releases.
- Deployed containerized applications to Kubernetes clusters via Rancher and Helm.
- Configured and managed Grafana dashboards for real-time monitoring, reducing mean time to resolution (MTTR) by 35% through proactive alerting.
- Utilized Ansible for automated server and configuration management.
- Leveraged Terraform for infrastructure as code to deploy and manage private cloud servers and resources, reducing provisioning errors by 90%.
- Migrated applications to AWS, utilizing multiple AWS services for improved scalability and reliability.
- Implemented Integration, Unit, and Performance Tests within the CI/CD platform, reducing production defects by 20%.
- Implemented security best practices and compliance requirements for application deployments.
- Automated alerting and monitoring to ensure timely response from relevant teams.
- Collaborated with development and operations teams to streamline deployment and release processes.
- Developed automation scripts in Python and Bash to support infrastructure and CI/CD workflows.

Sr. DevOps Engineer, TIAA

July 2023 - January 2025

- Built and maintained end-to-end CICD pipelines for the Company's Projects.
- Designed Terraform templates and managed AWS resources using Terraform, optimizing costs by 20%
- Configured, deployed, monitored, and maintained the organization's AWS cloud infrastructure.
- Optimized AWS cloud costs by monitoring and right-sizing underutilized EC2 instances and RDS databases, resulting in a 17% reduction in monthly cloud expenditure.
- Hands-on experience on core Amazon Web Services (AWS): VPC, Subnet, EC2 Instance, Lambda, DynamoDB, CloudFormation, EBS, S3, Security Groups, NACLs, Routing Tables, ELB, Route53, Auto Scaling, Cloud Watch, Eventsbridge, Elastic Beanstalk, Glue, CodePipeline, ECS, EKS
- Integrated security into CI/CD with SonarQube for code scanning, Twistlock for container security, and Splunk for monitoring, ensuring proactive compliance and risk mitigation
- Set up Kubernetes cluster on-prem and on AWS Cloud (EKS), Deployed applications on Kubernetes cluster via CICD pipeline leveraging manifest files and helm charts.
- Implemented security best practices and adhered to compliance as required during product releases.
- Implemented alert systems and automated email functionalities to prompt relevant teams for timely actions.

Associate Consultant, Capgemini

December 2020 - June 2023

- Automated processes and wrote scripts for multiple users' account creation, updates, activations, and deactivations.
- Created alerts and automated emails for relevant teams to take appropriate actions.
- Served as the point of contact for multiple users' account creation and access level, considering user/account authorization, authentication, and security.
- Developed dashboards, reports, and alerts, managing access to visualize business progress, operations, and delivery status.
- Led a team of 7 members to define, build, and maintain project processes, reducing manual work.
- Acquired strong automation, troubleshooting, and development skills for data, identity, and access management within a secure and confidential environment.

Achievements

- **Silver Award (12/2023 - Present)**

Achieved the Silver award for outstanding performance and lasting contribution to TIAA

- **Bronze Award (12/2023 - Present)**

Achieved the Bronze award for going the extra mile and managing multiple projects at TIAA

- **Associate Consultant (01/2023 - Present)**

Promoted to the role of Associate Consultant based on leadership skills and high contributions towards the project.

- **Team Lead (04/2022 - Present)**

Appointed as a team lead for a team of 7 members based on leadership skills and diligence

- **Rockstar Award (03/2022 - Present)**

Achieved the Rockstar award for outstanding performance and lasting contribution to Capgemini.

- **Senior Analyst (12/2021 - Present)**

Promoted to the role of senior analyst based on developing skills and high contributions towards the project.

- **Technical paper publication (08/2020 - Present)**

Technical paper publication at IEEE International Conference on Convergence to Digital World (ICCDW) Quo Vadis 2020. (<https://ieeexplore.ieee.org/document/9318604>)

- **Semi-finalist at IICDC**

(Texas Instrumentations) (03/2020 - 05/2022)

Worked on logistics management and developed a plan for efficient working

Languages

- **English (Fluent)**
- **Marathi (Native)**
- **Hindi (Fluent)**

Freelancing

- Built an end-to-end CICD Pipeline on AWS CodePipeline for the flagship product of a startup company.
- Created a website from scratch to conduct an online sports players' auction for a society event volleyball tournament.
- Created and published Instagram AR filters as per client requirements.
- Learned computer vision and machine learning to create a model for describing surroundings and giving voice feedback.

PROJECTS

Automated CI/CD pipeline using Jenkins with code analysis and unit testing along with the integration of SonarQube and Nexus, Deployed the Application as a container ensuring high availability using AWS ECR and AWS ECS.

- Build Jenkins server from scratch and installed all the required plugins for integration with GitHub, SonarQube, Nexus, AWS, and Slack Notifications.
- Set up SonarQube Server for unit testing and Quality analysis of the Code.
- Set up Nexus Server as a repository for storing the output artifacts.
- Trigger the pipeline using webhooks for code changes.
- Containerized the application using Docker Multi-Stage build file and uploaded the image on AWS ECR
- Set up two separate repositories for the Staging and Production environment and Deployed the application via two separate AWS ECS clusters for staging and Production.
- Set up Slack notifications for every successful or failed pipeline run.

Autonetics and Administration of Labs using Ansible.

- Developed an automation tool using Redhat Ansible and other open-source tools that improved the current lab administration process inside universities
- Wrote Ansible playbooks for easy and efficient setup of lab computers to install the required applications before starting the lab.
- Improved lab setup and administration by 60% through continuous management, upgrade, and monitoring models for lab environments.

Created a Full Stack AWS solution using Terraform to Deploy an Application written in Java, backed up by databases and cache for High Availability.

- Created Secure and Highly Available VPC.
- Provisioned AWS ElasticBeanstalk environments for deploying the application.
- Provisioned Backend Services like AWS RDS, Elasticache, and Active MQ.
- Set up Terraform with Backend as AWS S3 for storing terraform state files.
- Set up Security Groups and Bastion Host (AWS EC2) for secure access.
- Implemented the AWS architecture listed above from scratch as Infrastructure as a Code using Terraform.

https://github.com/yogendra-kokamkar/Terraform_AWS_FullStack

Smart assistive device for visually impaired people using Python, OpenCV, Keras/Tensorflow, and integrated with Raspberry Pi 3B.

- Created an assistive device for visually impaired people which will let them get a better sense of the surroundings and environment within a limited area.
- Gave them haptic and audio feedback regarding the obstacles
- Tested the Hardware and Software in Universities and published the research in IEEE.

<https://ieeexplore.ieee.org/document/9318604>

CERTIFICATIONS

- AWS Certified Solutions Architect
- AWS Certified Cloud Practitioner
- AWS Academy Graduate - AWS Academy Cloud Foundations
- Azure Certified Cloud Fundamentals
- Fundamentals of Deep Learning for Computer Vision (Nvidia Certified)
- Fundamentals of Accelerated Computing with CUDA Python (Nvidia Certified)
- Certified Blockchain Developer V2
- Certified Blockchain Architect
- Certified Blockchain Expert
- Data Science and Big Data Analytics (Dell EMC Certified)