KANDULA MARUTHI KUMAR

DevOps Engineer | CI/CD | AWS | Azure | GCP | Docker | Kubernetes | Terraform | Jenkins | GitHub Actions | Ansible

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ABOUT ME

DevOps Engineer with 3.5+ years of experience in designing, implementing, and optimizing DevOps pipelines for scalable cloud infrastructure. Proficient in AWS, Azure, and GCP with strong expertise in CI/CD automation, Docker, Kubernetes, and Infrastructure as Code (Terraform, CloudFormation). Skilled in containerization, monitoring, and security integration for reliable software delivery. Hands-on experience with MLOps (Vertex AI, Cloud Build) and proactive in ensuring code quality, compliance, and operational excellence.

SKILLS

- **Cloud Platforms**: AWS (EC2, S3, RDS, VPC, IAM, Lambda, CloudFormation, CDK, CloudWatch, SNS, ASG, ELB), GCP (Vertex AI, Cloud Build, Cloud Monitoring), Microsoft Azure (Cloud & DevOps Services), Cloud Services Provisioning & Deployment .
- **DevOps & CI/CD**: DevOps, DevOps Pipeline Management, CI/CD (Jenkins, Azure DevOps, AWS CodePipeline, GitHub Actions, Bamboo), Continuous Integration, Continuous Deployment, Automation, Deployment Automation, Infrastructure Management, Incident Management, Monitoring & Troubleshooting, Root Cause Analysis (RCA), Feedback Loops, Pipeline Security Integration, Security Best Practices in CI/CD, Cloud Services Provisioning, CI/CD Pipeline .
- **Infrastructure as Code (IaC)**: Terraform, AWS CloudFormation, AWS CDK, Azure ARM Templates.
- **Containerization & Orchestration**: Docker, Kubernetes (EKS, ECS, GKE, AKS), Helm Charts, Containerization, Deployment Automation .
- **Configuration Management**: Ansible, Chef, Puppet .
- **Monitoring & Logging**: Prometheus, Grafana, Datadog, Aws CloudWatch, ELK Stack (Elasticsearch, Logstash, Kibana), Splunk, Dynatrace, Azure Monitor.
- **Scripting & Automation**: Python, Bash, Shell Scripting, PowerShell .
- **Security & Code Quality**: SonarQube, Trivy, OWASP Standards, Security & Compliance, IAM, Incident Response, Vulnerability Assessment & Patch Management .
- **MLOps**: Vertex AI, Model Deployment Automation, Cloud Build Pipelines, Monitoring .
- **Database**: AWS RDS (MySQL), SQL .
- **SAP & Enterprise Systems**: SAP Callidus Configuration and Development, TrueComp .
- **Build & Source Control**: Git, GitHub, Bitbucket, Maven, MSBuild .
- **Operating Systems**: Linux Administration, Windows Server Management .
- **Methodologies**: SDLC, Agile (Scrum), Waterfall .

CERTIFICATES

- **AWS Certified Cloud Practitioner & Developer Associate —** skilled in AWS cloud, CI/CD, and deployments.
- **Microsoft Certified Azure Fundamentals (AZ-900)** — Microsoft foundational knowledge of cloud concepts, Azure services, and core security principles.
- **GitHub Certified in Actions and Copilot** — showcasing proficiency in automating pipelines, optimizing CI/CD, and leveraging AI for software development.
- **Google Cloud Certified Associate Cloud Engineer** — demonstrated hands-on expertise in deploying, managing, and securing applications on GCP.
- **Honored as LLPA Digital Skills Cup** – World Champion 2025 (AI User) and National Champion 2025 (AI User & IT Developer) with Great Performance recognitions in AI Pro and IT Security categories.

WORK EXPERIENCE

IUNICORN SOLUTIONS PRIVATE LIMITED — Hyderabad, India
Jr. DevOps Engineer (Intern)
Jan 2022 – Feb 2023
- Assisted in building CI/CD pipelines using GitHub Actions and Jenkins, improving deployment consistency and reducing manual effort.
- Supported AWS infrastructure provisioning using Terraform and automated routine tasks with Bash/Python scripts.
- Worked with Docker and Kubernetes basics (pods, deployments, services) to support microservices-based environments.

Wipro Ltd. — Hyderabad, India
DevOps Engineer
Mar 2023 – Present
- Designed and implemented automated CI/CD pipelines using Jenkins, integrated with Git and Maven, reducing deployment time by 30%.
- Provisioned and managed AWS cloud infrastructure using Terraform, ensuring consistent, production-ready environments.
- Configured scalable Jenkins architecture with shared/dedicated agents on AWS for seamless CI/CD operations.
- Containerized applications using Docker and deployed Kubernetes clusters with autoscaling, replica sets, and load balancing for high availability.
- Established monitoring and alerting with Prometheus and Grafana, improving incident response time by 40%.
- Automated provisioning for ECS, ECR, and Kubernetes resources using Terraform to enhance scalability.
- Implemented blue-green and canary deployments enabling zero-downtime releases.
- Strengthened DevSecOps posture by integrating SonarQube, Trivy, and OWASP security checks into CI/CD pipelines.

EDUCATION

BACHELOR OF TECHNOLOGY — 74%
Guru Nanak Institutions Technical Campus (Autonomous) — 2018 - 2022

INTERMEDIATE — 96%
Narayana junior college,Hyderabad — 2016 - 2018

SECONDARY SCHOOL — 90%
SPR school of excellence,warangal — 2015 - 2016

INTERESTS

- 🌍 Passionate about traveling across India, exploring new places, and experiencing the unique culture, traditions, and lifestyle of each region.
- 📸 Photography enthusiast, capturing landscapes, cultural moments, and stories through creative visual composition.
- 🤝 Active volunteer participating in campus and community initiatives, including mentorship, social awareness campaigns, and skill development programs.