JAYESH BALASAHEB NALAWADE

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PROFESSIONAL SUMMARY

- ✓ DevOps Engineer with 2 years of practical experience in designing, implementing, and automating scalable cloud infrastructure on **AWS** and **GCP**, with a strong focus on improving deployment speed, infrastructure reliability, and cost optimization.
- ✓ Proficient in building **CI/CD pipelines** using **Jenkins** and **GitLab**, integrating them with **Docker** and **Kubernetes** to enable automated builds, testing, and deployments across development, staging, and production environments.
- ✓ Strong expertise in **Infrastructure as Code (IaC)** using **Terraform** to automate provisioning of EC2, S3, RDS, Load Balancers, IAM, Auto Scaling, and VPC components—ensuring consistent infrastructure across all environments.
- ✓ Skilled in containerization using **Docker**, writing custom **Dockerfiles**, managing container registries, and orchestrating container deployments using **Kubernetes.**
- ✓ Good experience with **Ansible** for automating server provisioning, package installations, system updates, and application configurations—used in setting up and managing Linux-based production systems.
- ✓ Hands-on experience with AWS services like **EC2, S3, IAM, RDS, Lambda, CloudWatch, CloudFront, Route 53, EBS, ELB, and Auto Scaling**—used for hosting, scaling, monitoring, and securing cloud-native applications.
- ✓ Adept in **monitoring** and **logging** solutions using **Prometheus**, **Grafana** and **AWS CloudWatch** for infrastructure health monitoring, custom metric tracking, and automated alerts for resource utilization.
- ✓ Developed **Shell** and **Python scripts** to automate routine DevOps tasks improving operational efficiency and reducing manual errors.
- ✓ Contributed to cloud security and governance by configuring **IAM roles**, and integrating tools like **Trivy, SonarQube** for container/image vulnerability scanning and static code analysis.
- ✓ Provided support for **Linux-based systems**, **troubleshooting server-level issues**, resolving outages, and responding to incident tickets using structured root cause analysis and monitoring data.
- ✓ Well-versed in version control using **Git** and platforms like **GitHub** maintaining clean commit history and following GitFlow branching strategies for release management.
- ✓ Experienced working in **Agile/Scrum** environments with daily standups, sprint planning, retrospectives, and continuous delivery cycles—ensuring close coordination with developers, QA, and release managers.
- ✓ Familiar with web servers like **Nginx** and **Apache**
- ✓ **Certified GCP Associate Cloud Engineer** and **Microsoft Azure AI-900 Fundamentals**, demonstrating cross-platform cloud understanding and a solid foundation in cloud concepts and best practices.

TECHNICAL SKILLS

Cloud Computing: Hands-on experience with Google Cloud Platform (GCP) and Amazon Web Services (AWS), including services like EC2, VPC, S3, IAM, Auto Scaling, Load Balancer, RDS, Lambda, and CloudWatch

DevOps Tools and Practices: Skilled in Git, GitHub, Docker, Kubernetes, CI/CD tools (Jenkins, Gitlab), Nexus, Ansible for automation, orchestration and Terraform as IaC

Infrastructure and Security: Strong foundation in Networking, Nginx, Apache, IDS/IPS, Firewall Configuration, Email Security, and tools like Wireshark, VirusTotal, Sonarqube and Trivy.

Monitoring: Cloud monitoring solutions like GCP Monitoring, AWS CloudWatch, Prometheus and Grafana.

Scripting and Programming: Shell Scripting, Python, Java

PROFESSIONAL EXPERIENCE

- • Working as Jr. DevOps Engineer in Tech Mahindra from October 2025 to till date.
- • Worked as Cloud Engineer in Tech Mahindra from July 2023 to October 2024.

CERTIFICATIONS

GCP Associate Cloud Engineer - Link   Microsoft Azure AI 900 Fundamentals - Link
Cloud Practitioner by KodeCloud

PROJECTS

Title   : Insurance Transaction CMS
Client   : Tech Mahindra
Role   : Jr. DevOps Engineer

Project Description:
A customer-facing insurance portal that helps users explore, compare, and apply for various insurance products such as Vehicle, Life, Health, and Home. The application delivers real-time policy data, benefits, terms, and eligibility via a cloud-native architecture.

Technologies: Docker, Kubernetes, Jenkins, GitHub, AWS (EC2, S3, IAM, CloudWatch), Ansible, Maven, Logstash, Grafana

Responsibilities:
- Contributed to building **CI/CD** pipelines using **Jenkins, Docker,** and **GitHub** for automated deployments across development stages.
- Wrote **Ansible** playbooks to automate provisioning tasks on Linux systems.
- Supported **containerization** using Docker and managed configurations for multiple environments.
- Participated in **Kubernetes** deployment scripting and basic **YAML** configuration for services and deployments.
- Ensured system uptime of over 99.5% by resolving EC2 and S3 incidents and configuring CloudWatch alerts.
- Assisted with **IAM policy** configurations and automation scripts to enhance security and streamline access.
- Collaborated with developers and testers in Agile sprints, supported UAT deployments, and helped resolve deployment issue

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Title   : Cloud Infrastructure Automation and CI/CD Implementation
Client   : Tech Mahindra (Internal)
Role   : Jr. DevOps Engineer

Project Description:
An internal DevOps initiative focused on infrastructure automation using IaC tools and pipeline integration to streamline deployment and improve system resilience. The solution was deployed over AWS, leveraging key DevOps practices for improved speed and consistency.

Technologies: Terraform, Jenkins, GitLab, Docker, Kubernetes, Ansible, AWS (EC2, S3, Lambda, CloudWatch), Shell, Python, Prometheus

Responsibilities:
- Created **Terraform** modules to automate infrastructure setup for **EC2, S3,** and networking components reducing setup time by ~70%.
- Supported **CI/CD** implementation using **GitLab** and **Jenkins,** integrating with **Docker** for containerized builds.
- Contributed to **Python and Shell scripts** for automating backups and server tasks.
- Configured **Lambda** functions to automate periodic **EBS snapshot** backups.
- Helped implement basic **Prometheus** and **Grafana** monitoring for EC2 and **Kubernetes** pods.
- Implemented security best practices via AWS IAM and KMS, ensuring SOC 2/GDPR compliance and resolving 15+ critical vulnerabilities quarterly.
- Actively supported incident handling and routine server maintenance to ensure stability.
- Participated in Agile team discussions and assisted in preparing environments for app testing and release.

EDUCATION

- B.E. Computer Science with Honours in Data Science from Sinhagad Institute of Technology and Science, Pune, Savitribai Phule Pune University with GPA: 8.58 CGPA.
- HSC from Sarhad College, Pune, Maharashtra State Board with 68.92%.
- SSC from Vidya Vikas Vidyalaya, Pune, Maharashtra State Board with 88.60%