

BALA GANGADHAR BESTA

DevOps Engineer

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Professional Summary

DevOps Engineer with 4 years and 9 months of experience in the IT Industry. Proficient in developing and maintaining CI/CD processes using tools like Git, Jenkins, and Maven. Extensive hands-on experience with AWS technologies, Terraform for infrastructure automation, and configuration management tools such as Ansible. Skilled in container orchestration with Docker and Kubernetes and adept in scripting with Shell Scripting.

Technical Skills

- **Operating Systems:** Linux, Windows
 - **Source Code Management:** Git
 - **Build Tools:** Maven
 - **CI/CD Tools:** Jenkins
 - **Configuration Management Tools:** Ansible
 - **Container Tools:** Docker, Kubernetes
 - **Infrastructure Automation:** Terraform
 - **Application Server:** Tomcat
 - **Web Server:** Apache, Nginx
 - **Cloud:** AWS, GCP
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Work Experience

DevOps Engineer | Capgemini, Bangalore | DEC 2019 – Present

- Implemented and optimized CI/CD processes using Git, Jenkins, and Maven for efficient application releases.
- Proficient with AWS technologies such as EC2, Storage, VPC networking, ELB/Load balancer, and security groups.
- Executed Infrastructure automation on AWS using Terraform, enhancing scalability and efficiency.
- Led configuration management efforts with Ansible, ensuring streamlined deployments and consistent infrastructure.
- Designed and maintained cloud-based solutions on AWS, incorporating ELK stack for logging and monitoring.
- Expert in Docker and Kubernetes for container orchestration, enhancing scalability and performance.

- Employed GitHub with Git Flow for version control and collaborated on industry standard workflows.
- Utilized SonarQube for code coverage analysis and actively participated in custom Docker image creation.

Project Experience

Project #1: Banking

FEB 2021 – Present

- Designed, developed, and maintained DevOps processes including planning, coding, building, testing, releasing, deploying, operating, and monitoring.
- Built and maintained CI/CD infrastructure and tools.
- Developed test automation for validation in the CI/CD pipeline.
- Managed CI/CD for applications and took full ownership of DevOps discipline.
- Configured Day and Night builds for sprint teams in Jenkins.
- Automated infrastructure using Ansible modules and helped teams with environment setup.
- Set up DEV, QA, and UAT environments for every sprint using Ansible.
- Streamlined deployment pipeline with engineering automation and productivity tools.
- Utilized Git for source code management, involved in branching, tagging, and merging code.
- Built packages from source code using Maven and managed artifacts with Nexus.
- Set up Jenkins master and slave nodes for deployments.
- Implemented continuous delivery pipelines with Docker and Jenkins.
- Wrote Ansible playbooks for deployment on various environments.
- Created Docker files for DEV, QA environments replication.
- Worked on Docker-based web applications and built custom Docker images.
- Experienced with container orchestration using Kubernetes.
- Migrated shell scripts for deployments and environment creation to Ansible.
- Good knowledge of Linux environment and troubleshooting skills.
- Knowledgeable in AWS cloud services including EC2, S3, EBS, VPC, Subnets, ELB, Auto Scaling, and Security groups.
- Launched EC2 machines for different environments and installed packages/applications using RPM/YUM

Project #2: Banking

NOV 2019 – JAN 2021

- Conducted health and performance checks of servers including CPU, Memory, and File system utilization.

- Created, extended, and managed UNIX/Linux logical volumes.
 - Automated health check tasks in Linux Boxes using shell scripts.
 - Resolved customer-reported issues and conducted root cause analysis.
 - Created problem records to reduce incident count on repetitive issues.
 - Participated in client calls for high priority incidents.
 - Made configuration changes in Git and deployed through Jenkins
 - Knowledgeable in AWS cloud services including EC2, S3, EBS, VPC, Subnets, ELB, Auto Scaling, and Security groups.
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Education

Bachelor of Commerce and Computers

Rayalaseema University

Graduated: 2015

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