
Chandrakant Itagi

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Professional Summary

With over 3 years of experience as a DevOps Engineer, I specialize in applying DevOps methodologies to manage end-to-end deployment processes. My areas of expertise include:

- Utilized version control systems such as GIT, GitHub, and Bitbucket for source code management.
- Automated CI/CD pipelines using Jenkins and Python scripts to streamline development workflows.
- Created Dockerfiles for the containerized deployment of Java and ReactJS applications.
- Developed Shell and Python scripts for server monitoring, alerting, and process automation.
- Managed and provisioned infrastructure with Terraform and AWS CloudFormation.
- Installed and configured various SQL and NoSQL databases to support application needs.
- Enhanced application performance by setting up and configuring Redis and Kafka.
- Demonstrated proficiency with AWS services including EC2, ELB, ASG, VPC, IAM, ECR, ECS, Lambda, API Gateway, SES, SNS, SFTP, RDS, CloudFormation, and EKS.
- Deployed and managed containerized applications on Kubernetes clusters using YAML files and rolling updates to ensure smooth deployments.
- Set up AWS CodePipeline for deploying frontend and backend services.
- Configured CI processes using TeamCity for effective continuous integration.
- Proactively identified, troubleshooted, and resolved issues within SLA targets.
- Contributed to reducing application latency by participating in daily stand-up meetings and implementing infrastructure improvements.

Professional Experience

DevOps Engineer at **IDEYALABS TECH LLP (NOV 2022 – Present)** with **1.8+ years of experience** in managing and building systems within a distributed environment.

- Designed, maintained, and enhanced CI/CD pipelines for microservices using Jenkins, GitLab CI/CD, and various automation tools.
- Utilized Terraform and Ansible to automate infrastructure provisioning and configuration management.
- Expert in containerization and orchestration with Docker, Kubernetes, and AWS ECS/EKS.
- Monitored and managed applications and infrastructure using Prometheus, Grafana, ELK stack, and other monitoring tools.
- Collaborated with cross-functional teams to develop solutions that improve scalability, reliability, and performance.
- Adhered to ITIL best practices for incident, problem, and change management.

DevOps Engineer at **TESTYANTRA software solutions Pvt. Ltd. (APR 2022 – NOV 2022)** with **7 months of experience** in DevOps support.

- Collaborated with the Development team to support DevOps activities and enhance deployment workflows.
- Developed and maintained shell scripts to automate deployment tasks, improving efficiency and consistency.
- Created and managed Jenkins CI/CD pipeline scripts for seamless deployment of Java and ReactJS applications.
- Designed and implemented Dockerfiles for effective containerization of applications, streamlining the deployment process

Internship: Completed my DevOps Internship in **TESTYANTRA software solutions Pvt. Ltd. (28th Dec 2021 to 21st Apr 2022)**

- Supported the implementation and maintenance of Jenkins CI/CD pipelines, enhancing automated deployment processes.
- Assisted in containerizing applications using Docker and creating Dockerfiles for efficient deployment.
- Developed and optimized shell scripts for automating deployment tasks, improving workflow efficiency.
- Gained hands-on experience with version control systems (Git) and infrastructure as code (IaC) tools like Terraform.

Key Skills

- **Build Tools:** Maven, NPM
- **Scripting:** Shell, Python (Automation, Monitoring)
- **CI/CD Tools:** Jenkins, AWS Code Pipeline, TeamCity
- **Configuration Management:** Ansible
- **Containerization:** Docker
- **Container Orchestration:** Kubernetes, AWS ECS
- **Infrastructure as Code:** Terraform
- **Cloud Services:** AWS EC2, ELB, ASG, VPC, IAM, ECR, ECS, Lambda, API Gateway, SES, SNS, RDS, CloudFormation, EKS, CloudWatch, Elasticache.
- **Monitoring:** ELK Stack, Prometheus, Grafana, Splunk

Awards

- Received the "**Most Determined Employee of the Year**" award in 2023 for consistently demonstrating a strong work ethic, determination, and a positive attitude.

Projects

Project-1: Hadara (DevOps Engineer)

Tools and Technologies: Jenkins, Kubernetes, SQL, NoSQL, Kafka, NGINX

- Developed Jenkins workflows for software updates on the Kubernetes platform.
- Configured a multi-master Kubeadm cluster for production environments.
- Established databases and Kafka for efficient data processing.
- Set up NGINX as a reverse proxy for domain mapping.
- Managed the integration of SQL and NoSQL databases into the cluster.
- Created Python scripts for migrating SQL and NoSQL data.
- Implemented Zabbix for infrastructure and service monitoring.

Project-2: Coyni (DevOps Engineer)

Tools and Technologies: AWS, Jenkins, Docker, Terraform, ECS, ELK Stack, WAF, Python

- Architected and deployed AWS infrastructure for Coyni.
- Automated build, deployment, and monitoring processes using Jenkins, AWS, Docker, and Terraform.
- Created Python scripts to monitor databases and server metrics, including disk usage, memory, and CPU.
- Designed AWS Lambda functions and API Gateway endpoints for serverless event handling.
- Managed ECS clusters for effective container orchestration.

Project-3: Istream (DevOps Engineer)

Tools and Technologies: Jenkins, docker, Kubernetes, SQL, NoSQL, Ant media.

- Built Jenkins processes for Deploying software on Docker and Kubernetes environments.
- Set up Code security and dependency scan and Docker images scan using tools like **OWASP, Trivy**.
- Set up Ant media streaming software.
- Monitored logs and system monitoring thought the EFK, Prometheus and Grafana.

Education

Bachelor of science in computer science Govt Frist Grade Degree college Khanapur, Dis: Belagavi.