Chandrakant Itagi

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SUMMARY

A DevOps Engineer with 3.5+ years of experience, known for a positive attitude, sincerity towards work, and the ability to perform under pressure. Skilled in communication and collaboration, with a proven record of working effectively both independently and within teams. Proficient in AWS services, CI/CD automation, Kubernetes, Terraform, Docker, and monitoring solutions to deliver scalable and reliable infrastructure.

SKILLS

- Scripting Lang: Shell Script, Python
- Versioning tool: Git, GitHub, BitBucket
- CI Tools: Jenkins, Gitlab CI
- Code Quality Tool: SonarQube
- Artifactory Repository: Nexus
- Containerization And Orchestration: Docker, Kubernetes
- Operating Systems: Linux, Windows
- Cloud Technology: AWS (Amazon Web Service)
- Infrastructure as code: Terraform
- Monitoring: Grafana & Prometheus
- Logging: Loki, CloudWatch
- Database: PostgreSQL, MongoDB, MariaDB, Redis
- Cloud Services: AWS (EC2, VPC, ELB, EBS, IAM, S3, Auto Scaling, Lambda, API Gateway, SNS, SQS,CloudWatch, RDS), Azure(basics)

WORK EXPERIENCE

IDEYALABS TECH LLP

DevOps Engineer   Nov 2022 - Present

- Developed, maintained, and optimized CI/CD pipelines for microservices using Jenkins, GitLab CI/CD, and other automation tools.
- Designed and deployed a scalable Jenkins master-slave architecture with specialized nodes for backend, frontend, and multibranch pipeline builds.
- Created infrastructure diagrams for production setups, showing how systems are scalable, secure, and reliable in the cloud.
- Managed and monitored applications and infrastructure using Prometheus, Grafana and other monitoring tools.
- Collaborated with cross-functional teams to design and implement solutions that meet business requirements and improve scalability, reliability, and performance.
- Integrating Trivy and OWASP tools for vulnerability detection and remediation, resulting in optimized code and improved application efficiency.

TESTYANTRA software solutions Pvt. Ltd.

DevOps Engineer   August 2022 - Oct 2022

- 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

DevOps Intern   Dec 2021 - Oct 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.

EDUCATION

Govt First Grade Degree college Khanapur, Dis: Belagavi

Bachelor of science in computer science - 67.28
2016 - 2020

PROJECTS

Hadara   Mar 2023 - Present

- Developed and automated Jenkins CI/CD pipelines to manage software updates and deployments on Kubernetes clusters, ensuring smooth and reliable release processes.
- Designed and configured a multi-master Kubeadm cluster for production environments, optimizing for high availability and fault tolerance.
- Implemented MetalLB in BGP mode to enable external load balancing and efficient traffic management across Kubernetes nodes.
- Deployed and tuned NGINX Ingress Controller, leveraging custom ConfigMaps to enhance performance, reliability, and scalability for high-concurrency workloads.
- Optimized NGINX Ingress parameters including connection limits, timeouts, buffering, and keepalive settings to handle high traffic volumes effectively.
- Configured secure ingress routes with TLS termination and path-based routing, ensuring robust security and proper traffic segmentation.
- Implemented Longhorn as a distributed block storage solution for Kubernetes, ensuring persistent, highly available, and fault-tolerant storage for stateful workloads.
- Provisioned and managed databases and Kafka clusters for high-performance, real-time data processing and messaging workflows.
- Integrated SQL and NoSQL databases into Kubernetes clusters, implementing efficient data pipelines and storage strategies.
- Developed Python scripts for seamless migration of SQL and NoSQL data, automating complex data transfer tasks with accuracy and reliability.
- mplemented Zabbix monitoring for infrastructure and application metrics, including Kubernetes node health checks and custom application performance tracking

CoreBanking-EU   Sep 2024 - Present

- Designed and implemented AWS infrastructure for CoreBanking-EU.
- Automated building, deploying, and monitoring processes using Jenkins, AWS, Docker, and Terraform.
- Managed multiple CoreBanking environments, deploying code via Jenkins pipelines.
- Managed workloads on EKS clusters with ALB Controller for dynamic load balancing, ensuring high scalability and flexibility.
- Set up Redis clusters using EFS as the storage backend, ensuring high availability and persistence.
- Created Kafka clusters using EFS storage within EKS for reliable event streaming.
- Managed RDS for PostgreSQL, including provisioning, backups, and performance optimization.
- Monitored node and pod metrics, as well as logs, using Grafana, Prometheus, and Loki.
- Achieved cost savings of $4,000 per month by automating start/stop processes across multiple environments and optimizing long-term workloads using AWS Reserved Instances and Savings Plans.

Charge Savvy   Feb 2024 - Apr 2025

- Managed multiple ChargeSavvy environments, deploying code via AWS CodePipeline on ASGs with ALB integration.
- Developed Lambda functions, integrated with API Gateway, and configured CloudWatch for notifications.
- Installed CloudWatch agents for detailed metrics, set up cron jobs for log rotation, and configured alerts with CloudWatch and New Relic for APM.
- Deployed the UAT environment with AWS CodePipeline and CodeDeploy, provisioning RDS, Redis, Lambda, API Gateway, ASG, ALB & Configured dynamic scaling policies for ALB.

LANGUAGE

English

Kannada

Hindi

AWARD

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