BHIKESH KHUTE

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Education

Centre for Development of Advanced Computing, Bengaluru, KA
Post-Graduation Diploma in IT Infrastructure, Systems and Security   Aug 2019 - Jan 2020
CGPA: 7.4/10

Shah and Anchor Engineering College, University of Mumbai, Mumbai, MH
Bachelor of Engineering in Information Technology   Aug 2015 – May 2019
CGPA: 7.12/10

Work Experience

Senior Software Engineer, Recrosoft Technologies   Dec 2025 – Present

Client and Project – Jio Haptik Technologies Pvt Ltd - AI ChatBot and Voice Assistant Systems

Site Reliability Engineer, Neurealm   May 2024 – Sept 2025

Client and Project – Turtlemint India, Mumbai - Insurance Aggregator Platform Application
- Implemented Continuous Deployment pipeline using GitLab for clients(on-premises).
- Onboarded new services pipeline using Jenkins for continuous integration and continuous deployment for cloud based projects.
- Implemented split-traffic tunneling using OpenVPN for the organization.
- Upgraded outdated production MongoDB Databases with proper planning with developers and required CAB approval from stakeholders.
- Optimized docker-compose configuration by implementing memory limits and performance tuning.
- Deployed microservices application on Openshift Kubernetes Engine Cluster.
- Setup of data layer(MongoDB, Kafka, Zoopkeeper, Elasticsearch and RabbitMQ) on VMs having IBM Z Series Architecture(s390x)
- Maintained and updated ansible playbooks for different clients and environments based on the requirements.
- Worked on ArgoCD(GitOps) for automated continuous deployment of microservices over various environments.
- Executed DC-DR synchronization of Mongo and Oracle Database for the clients.
- Created automated scripts to backup elastic-search data and restoration.
- Implemented alert triggers via email on backup failures of data layer segments.
- Successfully upgraded Kubernetes clusters for on-premises clients having air-gapped systems.
- Configured Dockerized application to run as a non-root user, enhancing security and compliance with best practices.
- Resolved VAPT points related to Infrastructure(Web Server and OS related).

DevOps Engineer, HNR Tech Pvt Ltd   Apr 2023 – Jan 2024

Client and Project – Vodacom and Airtel (African continent) – Hapa Cash and mPESA Loan Application System
- Implemented Continuous Integration/Continuous Deployment (CI/CD) pipelines using in-house tools to streamline the deployment process.
- Developed Ansible playbooks to automate the environment setup and streamlining the deployment process across environments.
- Spin up AWS environment (VPC, Subnets, NAT/Internet Gateways, IAM Users) for clients.
- Bi-Quarterly capacity planning reports of the infrastructure if required.
- Leveraged Icinga for infrastructure monitoring and successfully integrated Prometheus and Grafana for effective application monitoring, enhancing visibility of system health and performance.

DevOps Engineer, R360 Global Services Pvt Ltd   Feb 2020 – Dec 2022

Client and Project – Axis Bank Ltd, Mumbai – Loyalty Rewards Management System
- Proactively monitoring the infrastructure and application health and reporting bugs/exceptions using the ticketing tool (Jira) to L1/L2/L3 team as well as triage by checking application (Tomcat)/Web server (Apache) logs.
- Implemented DevOps culture to build and release deployments/hotfixes of microservices using Jenkins adhering to schedule with appropriate approvals.

- Performed automation for time-consuming processes using shell scripting and scheduled jobs when required.
- Plan and execute disaster recovery activities along technical verticals every two quarters.
- Conducted assessments of technical interviews to assemble a team of support engineers capable of providing round-the-clock support for the client.

Technical Proficiency

- Proficient in managing projects across QA, Staging/UAT, SIT, and Production environments using branching strategies on GitHub.
- Solid expertise in AWS infrastructure design and operations, covering compute, networking, storage, IAM, monitoring, and container services.
- Hands-on experience building, maintaining, and troubleshooting CI/CD pipelines using Jenkins and Gitlab.
- Skilled in writing and optimizing Ansible playbooks, roles, and automation workflows.
- Proficient in Docker and experienced in deploying applications on Kubernetes-native environments.
- Good troubleshooting skills with Terraform scripts.
- Strong scripting abilities in Bash and Python for automation and system tasks.
- Solid Linux administration experience (Ubuntu, CentOS) including system tuning and troubleshooting.
- Knowledgeable in both NoSQL (Couchbase) and SQL (Oracle) database administration.
- Proficient in configuring and securing web servers (Apache, NGINX), including load balancing, reverse proxying, TLS, and security hardening.

Personal Projects

- Designed and deployed my personal website using the Bootstrap framework for UI, version-controlled with GitHub, and integrated CI/CD pipelines with GitHub Actions. The application was containerized with Docker and hosted on a virtual machine, with Watchtower configured for automated redeployments on new commits to the container registry.
- Built a web-based Java application with quality checks, deployed via Jenkins.
- Created Ansible playbooks for Linux users management using shell/bash scripting
- Built a two-tier live event application using Node.js and Docker.
- Developed a live chat messaging application in Rust.

Certifications

- **AWS Solutions Architect Associate (AWS-SACO3)**   Dec 2024-Dec 2027

Additional Information

- **Languages** – English (Fluent), Hindi (Fluent) and Marathi (Native).
- **GitHub Profile** - https://github.com/norfluxX
- **LinkedIn Profile** - https://www.linkedin.com/in/bhikesh-khute/