

Akshay Gaikwad.

Specialist DevOps and SRE Engineer

E-Mail: akshay.gaikwad3142@gmail.com

Mobile: +91 7559433009

PROFESSIONAL SNAPSHOT

- With over **five years** of experience as a Specialist DevOps and SRE Engineer, I'm currently responsible for **deployment management, build and release management**.
- Provisioning and maintaining Linux servers in development and production environments is referred to as **Linux administration**.
- Strong background in creating and managing **continuous integration and deployment** (CI/CD) processes for cloud-based software by utilizing tools such as **Maven, Jenkins, Docker**, and others. Having hands on experience with JAVA and C++.
- A hands-on understanding of **AWS** services, including **EC2, Cloud Front, Cloud Trail, S3, Route 53, Cloud Watch, SNS, SQS, SES, Lambda, VPN, Auto scaling, ELB, VPC, IAM, and AMI**.
- I worked on freestyle jobs and the Jenkins pipeline. Good Python proficiency.
- Expertise with **monitoring** tools such as **Cloud Watch** and **New Relic (NR-APM), Zabbix, Site24*7**
- I used **GIT** and GITHUB to work on **SCM**, creating branches, tags, and access control.
- Supporting many environments (**Dev, Test, UAT, Prod**) with daily and weekly builds. Experience in **VM-VPA/VRO**
- Good understanding of **Terraform** (Infrastructure as a Code) through **IAC**, with dashboards created for monitoring purposes.
- Build and deployment of Java applications into various environments, such as development, UAT, and QA, are the main duties.
- GIT was used as the **version control** system. Good proficiency with **Nagios**. Good experience in **PagerDuty & Kafka**. Nice to have **Client-side troubleshooting**.
- Created jobs, installed plugins, and automated the build process while working on continuous integration tools like Jenkins. Docker images can be used to create Docker containers for various environments.
- A strong grasp of Agile techniques and the Software Development Lifecycle (**SDLC**). Good understanding of **Ansible-Configuration Management** tool.
- Setting up access for all staff members to all computer systems and applications required to carry out their duties in their entirety. Having solid knowledge and experience with Kubernetes.
- A goal-oriented team player with the ability to work well with others and solve problems. Able to function in a target-oriented environment with time limitations. Communicating to developers your understanding of stakeholders' needs

WORK EXPERIENCE:

Current Employment:

Organization : **LENTRA.AI, Pune.**
Position : **Specialist DevOps and SRE Engineer**
DOJ-DOL : June 2023 to till date.

Project: Banking.

Clients- HDFC – IDFC- TVS – ABFL – IIFL – ICICI.

Description :Lentra is a new-age, domain-native platform built from the ground up, designed and developed to empower financial institutions with tomorrow's lending ecosystem ,today. It providing capabilities like e-KYC, v-KYC ,e-Sign, e-NACH etc. besides MultiBureau (R),a comprehensive BRE for faster decisions and configurable onboarding workflow.

➤ **Responsibilities:**

- Plan, manage and oversee all aspects of a **Production** Environment.
 - Define strategies for Application Performance Monitoring(**APM**), Optimization in Prod environment.
 - **Respond to Incidents** and improvise platform based on feedback and measure the **reduction of incidents over time**.
 - **Coordinate and manage software releases**, ensuring a **smooth transition** from development to production while minimizing downtime.
 - Using **route 53** for **DNS** registration and management.
 - Oversee the creation and management of different environments (e.g. Development, Testing , Production) to support the **SDLC**.
 - Supporting the application **CI/CD pipeline** for promoting software into higher environments through validation and operational gating.
 - Maintaining services once they are live by measuring and **monitoring availability**, latency and overall system health.
 - Implement and manage version control systems (**VCS**-e.g. **Git, GitHub**) to track changes in code and configuration files
 - **Monitors and supports AWS EC2 instance, volumes and other services such as Docker containers,Kubernetes,S3,RDS,ELB through their entire lifecycle supporting multiple customer-facing and internal application environments**
 - Setting up **Application Load balancer** for QA environment. Worked with **Ansible** as Configuration Management purpose.
 - Setup and maintain **monitoring tools like New Relic, Zabbix, CloudWatch and Site24*7** to track system performance and implement logging solutions for better troubleshooting and analysis.
 - Setting up **SES** for seamless communication, ensuring reliable and scalable email delivery within infrastructure.
- Collaborating with developers to **build a robust build and deployment pipelines** that includes build, continuous integration and deployment. Scale systems sustainably through mechanisms like automation and evolve systems by pushing for changes that improve reliability and velocity.
- **Maintain and improve** services once they are live by measuring and **monitoring availability**, latency and overall system health.Execute deployment with **Shell scripting** and **Python & Groovy**.

Past Employment1:

Organization : **EMTEC TECHNOLOGIES Pvt. Ltd. Pune.**
Position : **Software Engineer- DevOps and SRE Engineer**
DOJ-DOL : August 2022 to March 2023.

Project: Supply Chain Logistics. **Client: Mastery, US.**

Description : MasterMind is a comprehensive cloud-based transportation management system(TMS)built to eliminate complexity, provide unlimited connectivity and automate manual processes. MasterMind provides carriers, logistics service providers and large shippers the ability to scale and thrive in complexity.

➤ **Responsibilities:**

- Creating **Jenkins CI/CD pipeline** and managing Jenkins Plugins.
- Source code management of both development team and also for QA framework in GIT.
- Providing access to users in SCM (Source Code Management). Using Kubernetes **for the deployment**.
- Implementing DevOps deployment processes.
- Managing Application Infrastructure and its deployed pod in K8S cluster through lens.

- Enable **branching strategies**. Helps in release management and in deployment call.
- Setting up DNS for UAT Environments using Route 53.
- Making sure the Environments are up and running for testing purpose.
- Creating **IAM groups, roles and policies** like AWS managed and customer policies.
- Implement security best practices, conduct regular security audits, and ensure compliance with industry regulations to safeguard sensitive logistics data and systems.
- Creating and Managing **containers**.

Past Employment2:

Organization : **EUSPACE TECHNOLOGIES Pvt. Ltd, Pune.**

Position : **DevOps Engineer**

DOJ-DOL : December 2018 to August 2022.

Project: Telecom. Client: Sunvision, USA

Description : Tier 2 and Tier 3 Carriers that are just building up their calls volume and teams need solutions that they can rely on to fulfill their mediation, Routing, Trading and Billing requirements. And this is precisely why Vanrise has developed Ntegra, which serves as a backbone to small and medium sized carriers operations, covering all the essential specters of business automation

➤ **Responsibilities:**

- Design, implement and maintain **CI/CD pipelines** for automated testing, building and deployment of applications to different environments.
- Creating **IAM** groups, roles and policies.
- Implement and collaborate with security teams to address vulnerabilities.
- Coordinate and manage software releases, ensuring a smooth transition from development to production while minimizing downtime.
- Using **route 53** for DNS registration and management.
- Oversee the creation and management of different environments (e.g. Development, Testing , Production) to support the SDLC. **APM ,Synthetic,Browser,Log monitoring** with New Relic. Querying using NRQL/Query Log.
- Creating and maintaining AWS Infra. using **Terraform**. Used VMWare for virtualization architecture.
- Creating **Jenkins** CI/CD pipeline for all the branches. Using **Shell scripting** for automating code compilation.
- Implement and manage version control systems (e.g. Git, GitHub) to track changes in code and configuration files
- Creating and Maintaining EC2 machines, creating AMI, EBS snapshots.
- Setting up **Application Load balancer** for QA environment. Creating dashboards and visualizations
- Setup and maintain **monitoring tools like New Relic, Zabbix, CloudWatch and Site24*7** to track system performance and implement logging solutions for better troubleshooting and analysis.
- Setting up SNS topics for email for application development and security.
- Setting up **SES** for seamless communication, ensuring reliable and scalable email delivery within infrastructure
- Copying server logs onto S3 for backup, also maintaining S3 data lifecycle.
- Foster **collaboration between development and operations teams**, and facilitate effective communication to streamline the release process.

EDUCATIONAL QUALIFICATION

- **Bachelor of Engineering with First Class** from Shivaji University.
- **GATE Score: 27.94** (Batch 2018)

PERSONAL DETAILS

Name	: Akshay Gaikwad
Date of Birth	: 30 April 1995
Sex	: Male
Nationality	: Indian
Marital Status	: Single
Languages Known	: English, Hindi and Marathi

Declaration: - I hereby declare that the information furnished above is true to the best of my knowledge.

Place: Pune

Date:

(Akshay Sadashiv Gaikwad)