

MANJUNATH HINGLAJE

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Experience

Infosys

Jul 2022 - April 2025

Devops Engineer

- **Infrastructure Automation:** Automated provisioning of **AWS** resources (**EC2**, **S3**, **VPCs**) using **Terraform** & **Ansible**, reducing manual effort by 40% improving deployment consistency.
- **CI/CD Pipeline Implementation:** Built and optimized **Jenkins** pipelines integrated with **Git**, **SonarQube**, & **Trivy**, cutting deployment time by 30% while ensuring code quality and security compliance.
- **Containerization and Orchestration:** Created and maintained **Docker images**, deployed on **Kubernetes/EKS** clusters, enabling scalable, fault-tolerant applications with 25% better resource utilization.
- **Performance and Security Optimization:** Implemented **Auto Scaling** and **Load Balancers** to enhance application performance and availability, while designing secure cloud architectures using **VPC** with **public/private subnets**, **Internet Gateways (IGW)**, and **NAT Gateways** to ensure controlled and secure access.
- **Cross-Team Collaboration:** Worked closely with development and operations teams to bridge gaps in the software delivery process, fostering a **DevOps culture** and ensuring seamless project execution.
- **Dashboard and Metrics Visualization:** Deployed **Prometheus** and **Grafana** dashboards for real-time monitoring and alerting, improving incident response and supporting data-driven infrastructure optimization.

Projects

LR-Cashiering: Automated Infrastructure CI/CD Pipeline for IIDP Tool.

Mar 2023 – April 2025

- The purpose of this project was to simplify infrastructure provisioning and expedite the **CI/CD** workflow for a document intelligence tool that processes several bank statements every day. The goal was to improve scalability, performance, and deployment speed while keeping the system secure and dependable.
- Provisioned **AWS** infrastructure, including **EC2** and **S3**, using **Terraform**, and automated server configurations and application deployments with **Ansible**.
- Integrated **Git** and **Jenkins** to automate build, test, and deployment pipelines, leveraging tools like **pip** and **virtualenv** for managing Python dependencies and deploying **Flask** web applications to **Docker** behind **Nginx** Web Server.
- Created and maintained **Docker images** for every service, stored them on **Docker Hub** for effective distribution, and deployed the services on **Kubernetes** for automated scaling, high availability, and simplified management.

Evident: Implemented robust, scalable infrastructure pipeline for Invoice Extraction.

Jul 2022 - Feb 2023

- Automating deployment and infrastructure for Invoice Insight Extraction in global transportation ensuring secure, reliable releases and a streamlined development lifecycle with top-tier compliance.
- Automated Infrastructure & Scaling – Provisioned **AWS** resources using **Terraform**, **IAM**, **S3**, and **EC2**, with **Auto Scaling** and **Load Balancers** for high availability.
- **CI/CD & Containerization** – Integrated **Git**, **Jenkins** for automated deployments leveraged **Docker**, **Kubernetes**, and **Helm** for scalable, standardized application deployment.
- Configured domain mapping in **Hostinger** by managing **DNS** records (**A**, **CNAME**) to point custom domains to application endpoints.

Technical Skills

- **Cloud Platforms:** AWS, Azure
- **Version Control:** Git, GitHub
- **Infrastructure as Code (IaC):** Terraform, Ansible
- **CI/CD Tool:** Jenkins, SonarQube, Trivy
- **Containerization & Orchestration:** Docker, Kubernetes, Helm, EKS
- **Monitoring & Logging:** Prometheus, Grafana
- **Databases:** MySQL
- **Operating Systems:** Linux, Windows

Certification

- AWS Certified Cloud Practitioner
- Microsoft Azure Fundamentals Certification

Education

KLE's Technological University, Hubli, Karnataka

Jan 2021 – May 2022

MCA, Master of Computer Application