

Mos Richard Junior DevOps Engineer

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📄 Professional Summary

DevOps-focused engineer with hands-on experience in **AWS, Terraform, Docker, Kubernetes**, and **CI/CD** automation. Built and deployed cloud-native applications with infrastructure as code and container orchestration. Strong foundation in Linux and automation scripting, seeking a **Junior DevOps Engineer** role.

🧠 Technical Skills

Cloud: AWS (EC2, ELB, ASG, S3, IAM, VPC) | **CI / CD & SCM:** GitHub Actions & Jenkins / Git & GitHub |
Iac: Terraform | **Containerization & Orchestration:** Docker & Kubernetes |
Configuration Management: Ansible | **Web Servers:** Nginx, Apache, Tomcat | **Operating System:** Linux |
Scripting: Python & Bash | **Database:** MySQL | **Monitoring:** Grafana & Prometheus

📁 DevOps Projects

MERN App Deployment using CICD Actions 🔗

- Built an automated CI/CD pipeline using **GitHub Actions, Terraform, Docker, and AWS EC2** to provision **infrastructure** and deploy a containerized MERN application on code push, **reducing manual deployment effort by 100%**.
- **Containerized frontend, backend, and MongoDB services, configured Docker networking**, and enabled fully automated deployments, eliminating manual configuration and reducing human errors.

React App Deployment Using GitHub Actions 🔗

- **Built an end-to-end CI/CD pipeline** using **GitHub Actions and Terraform** to provision AWS infrastructure and deploy a containerized React application on **EC2**, eliminating manual provisioning and release steps.
- **Automated Docker image build, push, and remote deployment** via **SSH** with secure secrets management using **GitHub Secrets**, **reducing deployment time** and **minimizing configuration errors**.

Kubernetes-Native-Task-Manager 🔗

- Built and deployed a Dockerized full-stack MERN application on **Kubernetes**, configuring **Nginx Ingress** for **service routing** and **external access**.
- Created **Kubernetes manifests** for **MongoDB, backend, frontend, Secrets, ConfigMaps, Persistent Volumes**, and **Ingress**, and manually built and pushed Docker images to **Docker Hub** for deployment.

Mini Fullstack app deployment using Ansible-Roles 🔗

- Designed and automated **end-to-end** application deployment using **Ansible**, leveraging **roles** and **playbooks**.
- Focused on **configuration management** and repeatable automation rather than manual or tool-specific deployments.

👜 Professional Experience

Green World Group, Junior Data Analyst

01/2024 – 10/2025

Chennai

- Developed KPI dashboards using **Power BI** and **Excel** for business performance monitoring and reporting.
- Automated data extraction and validation workflows using **Python** on **Linux**, improving **CRM data accuracy** and reducing manual effort.
- Cleaned and validated data from **MySQL databases** and Excel sources to ensure reliable **backend reporting**.
- Resolved data inconsistencies using structured scripting techniques and managed automation scripts with **Git version control**.
- Assisted in maintaining **Linux-based environments** and executing scheduled automation tasks.

🎓 Education

Bachelor of Engineering, Jeppiaar Institute of Technology

08/2019 – 07/2023

Computer Science and Engineering - 8.24 CGPA

Chennai