Adhavan.J.V.R

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PROFILE

DevOps-focused engineer with hands-on experience in Linux systems, Bash scripting, and command-line automation. Skilled in building and operating CI/CD pipelines using Jenkins, Docker, Kubernetes, Terraform, and AWS. Comfortable working with Linux services, logs, and monitoring tools, with a strong self-learning mindset aligned to DevOps roles.

SKILLS

Operating Systems & Scripting: Linux OS Ubuntu, Fedora, Debian, RHEL (processes, permissions, systemd), Bash scripting, cron jobs, CLI automation
CI/CD: Jenkins pipelines, GitHub Actions, Docker Hub integration
Cloud & DevOps: AWS, Azure, Docker, Kubernetes, Terraform, Ansible
Monitoring & Tools: Prometheus, Grafana, CloudWatch, Git/GitHub/Gitea, VS Code, Jira

PROFESSIONAL EXPERIENCE

Xenovex Technologies Pvt. Ltd – DevOps Intern
Linux, Jenkins, Docker, AWS, Azure, Gitea   June 2025 - Aug 2025
- Worked on Linux-based CI/CD environments, configuring Jenkins pipelines and managing build agents.
- Automated build and deployment workflows using Jenkins, Docker, and Bash scripts.
- Troubleshot pipeline failures using Linux logs and command-line tools.
- Monitored application performance and logs using Grafana and Azure monitoring services.

PROJECTS

Application Deployment on AWS
Linux, Bash, Docker, Jenkins, AWS   Sep 2024 - Dec 2024
- Provisioned and managed Linux-based AWS EC2 instances for application hosting.
- Automated application deployment using Bash scripts and Docker containers.
- Built Jenkins CI/CD pipelines to build images, push to Docker Hub, and deploy on EC2.
- Configured CloudWatch and SNS alerts for health monitoring and downtime notifications.

CI/CD DevOps Pipeline Project
Linux, Bash, Terraform, Jenkins, Kubernetes, AWS   *Jan 2025 - Feb 2025*
- Designed and implemented an end-to-end CI/CD pipeline on Linux-based infrastructure.
- Automated pipeline stages using Bash scripts and Linux command-line tools.
- Provisioned CI/CD infrastructure and Kubernetes resources using Terraform (IaC).
- Integrated security scanning (Trivy), code quality checks (SonarQube), and artifact management (Nexus).
- Monitored Jenkins and Kubernetes clusters using Prometheus and Grafana.

MLOps Project: Diabetes Prediction Model
Python, Scikit-learn, Docker, Kubernetes   *Aug 2025*
- Built and trained a Random Forest model in Python and exposed predictions via FastAPI.
- Containerized the application using Docker and deployed on Kubernetes with multiple replicas.
- Automated ML workflow from data ingestion to deployment using Git-based pipelines.

EDUCATION

Misrimal Navajee Munoth Jain Engineering College   June 2024
B.E. Computer Science   *CGPA: 8.0*

CERTIFICATIONS

CI/CD – Infosys Springboard

DevOps – GUVI