PRASAD S. GHAVGHAVE

Junior Linux System Administrator | DevOps | AI Researcher

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SUMMARY

B.Tech graduate in AI & Machine Learning (DMIHER University), IEEE author of 6 publications, and Red Hat Academy certified (RH124, RH294, DO180). Hands-on with RHEL 9 server management, Ansible automation, Docker, SELinux and shell scripting — backed by a strong deep-learning research background.

SKILLS

- RHEL 9, systemctl, user/permission management
- LVM, RAID, EXT4/XFS file systems
- SELinux, firewalld, SSH hardening
- Ansible playbooks & automation
- Docker, Kubernetes & OpenShift
- Bash / Shell scripting
- Python, Flask, Streamlit
- Deep Learning, CNN, YOLOv8, FaceNet

CERTIFICATIONS

Red Hat System Administration I — RH124
Red Hat Academy · Credly verified

Red Hat Ansible Automation — RH294
Red Hat Academy · Credly verified

OpenShift Developer — DO180
Red Hat Academy · Credly verified

PROJECTS

LinuxLab — Cloud Linux Administration & DevOps Lab

github.com/prasad111-dev/linuxlab-59

Students practice Linux on real isolated browser containers with AI hints, auto-evaluation and learning history.

React · Docker · MongoDB · Fastify

Face-Recognition Attendance Web App

github.com/prasad111-dev/Web_App_Attendance

Flask app using FaceNet + SVM + OpenCV to auto-mark attendance from CCTV/webcam frames.

Flask · FaceNet · OpenCV

Python Efficiency Analyzer

github.com/prasad111-dev/efficiency_analyzer

Streamlit profiler (cProfile + AST) reporting slowest functions and runtime.

Python · Streamlit

EXPERIENCE & EDUCATION

Linux System Administration Projects

DMIHER University — Academic & hands-on

RHEL 9 server management, storage (LVM/RAID), security (SELinux, firewalld), Ansible automation, Docker.

IEEE Research & Publications

IEEE Xplore — 6 peer-reviewed papers

Deep learning (CNN, YOLOv8), ML for healthcare, IoT and blockchain.

B.Tech — Artificial Intelligence & ML

DMIHER University

Internship — CCTV Attendance System

SkyHighes Technology — case study, published as IEEE paper

SELECTED PUBLICATIONS

Early Detection and Multiclass Classification of Skin Diseases Using CNN-Based Deep Learning Model
IEEE Xplore, 2025

Real-Time Hospital Hygiene Surveillance Using Dual YOLOv8 Detection-Segmentation on Edge AI
IEEE Xplore, 2025

CCTV-Based Automated Attendance System with Employee Data Dashboard: A Case Study at SkyHighes Technology
IEEE Xplore, 2025