Pranav Magar

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SUMMARY

DevOps and cloud practitioner with practical experience designing, deploying, and automating cloud infrastructure and application delivery on AWS, GCP, and Oracle Cloud. Proficient in Terraform (IaC), Jenkins CI/CD pipelines, Linux administration, Docker-based deployments, and configuration automation using Ansible.

SKILLS

Cloud & DevOps	AWS, GCP, Oracle Cloud, Terraform, Jenkins, Docker, Kubernetes
Automation	Ansible, Git/GitHub, Nginx, Gunicorn, Linux, Shell
Programming	Python, Flask, Django, REST APIs, PostgreSQL

WORK EXPERIENCE

DevOps Engineer — Project-Based Experience

Self-Directed

– Designed, provisioned, and managed AWS EC2-based infrastructure using Terraform, applying Infrastructure-as-Code (IaC) principles for consistent and repeatable deployments
– Built and maintained Jenkins CI/CD pipelines to automate build, test, and deployment workflows, reducing manual deployment effort
– Configured and managed Linux servers with Nginx as a reverse proxy and Gunicorn as the WSGI server to host production-ready Flask and Django applications
– Developed Ansible playbooks for automated server configuration, password-less SSH setup, and conditional task execution across multiple EC2 instances
– Used Git-based workflows for source control, infrastructure versioning, and CI/CD pipeline integration

PROJECTS

Expense Tracker

- Deployed Flask application on AWS EC2
- Configured Nginx reverse proxy and Gunicorn WSGI server
- Provisioned infrastructure using Terraform (IaC)
- Implemented Jenkins CI/CD for automated deployments

Infrastructure Automation

- Automated EC2 provisioning and shutdown using Ansible
- Implemented password-less SSH configuration
- Created conditional playbooks for dynamic infrastructure management
- Enabled scalable server automation across multiple instances

Django-React Notes Application (2-Tier Web App)

- Built full-stack Django-React app with REST APIs
- Integrated PostgreSQL database with Docker containers
- Deployed 2-tier architecture on AWS EC2 with Nginx reverse proxy
- Automated deployments using Jenkins CI/CD pipelines

EDUCATION

B.Tech. Electronics & Computer Engineering
MIT ADT - School of Engineering (CGPA: 8.03/10)   2022–2026

CERTIFICATIONS

Oracle Certified DevOps Professional
Oracle Certified Foundations Associate

POSITIONS OF RESPONSIBILITY

Department Representative
Office Of International Affairs (MIT-ADT)   International collaborations with University of Iowa & East Anglia

Technical Team Member
IEEE   Organized hackathons, managed IEEE WordPress site