

Vaishnav Mankar

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Objective

Computer Engineering student at PICT Pune seeking a **cloud/DevOps internship** to apply hands-on experience with **AWS, Linux, and Terraform**. Passionate about designing scalable infrastructure using **Docker** and **CI/CD pipelines**. Eager to grow expertise in **AI-driven systems** and cloud automation.

Education

Pune Institute of Computer Technology, BE in Computer Engineering Expected 2027

- **CGPA: 9.12/10.0**

- **Relevant Coursework:** *Operating Systems, Computer Networks, Cloud Computing, Linux Fundamentals*

Technical Skills

- **Cloud:** AWS (EC2, S3, VPC, Lambda), *Terraform (IaC)*, Serverless Architecture
- **DevOps:** Docker, GitHub Actions, Linux (**User Management**, Cron Jobs)
- **Networking:** VPC/Subnet Design, *Wireshark*, TCP/IP
- **Scripting:** Python, Bash
- **Tools:** Git, *Docker Compose*, AWS CLI

Projects

Graphical Password Manager (PCCP-Based)

- Designed **AWS infrastructure** (VPC, EC2) for secure authentication system
- Automated provisioning using *Terraform* and Docker containers
- Tools: **AWS**, *Terraform*, Python

Static Website Hosting with IaC

- Deployed static site using *Terraform-managed S3* and CloudFront
- Configured DNS routing with **Route 53**
- Tools: **AWS**, *Terraform*, GitHub Actions

CI/CD Pipeline for Containerized Web App (AWS)

- Automated end-to-end deployment of a Dockerized Flask app using **GitHub Actions** and **AWS ECS**.
- Designed infrastructure with *Terraform* (VPC, ECR, ECS) and reduced deployment time by 60%.
- Implemented security scans, unit tests, and blue/green deployment for minimal downtime.
- Tools: **AWS**, Docker, *Terraform*, GitHub Actions, Python

Certifications

- **Google Cloud Fundamentals**
- **AWS Cloud Practitioner** (*In Progress*)

Leadership

Core Member, AWS Cloud Club, PICT

2023–Present

- Organized workshops on **AWS Lambda** for 50+ students
- Led hands-on sessions for **serverless architecture** deployments