

# PRIYANSHI GANGRADE

Phone : +91 7000910812 | Email : priyanshigangrade25@gmail.com

GitHub : github.com/Priyanshigangrade | LinkedIn : linkedin.com/in/priyanshi-gangrade

## Education

### Vellore Institute of Technology (VIT)

May 2026

*B.Tech in Computer Science with specialization in Cloud Computing and Automation*

**CGPA - 9.07 /10**

**Relevant Coursework:** Data Structures, DBMS, OS, CN, Machine Learning, Cloud Computing

## Technical Skills

**Languages:** Python, Java, HTML/CSS, SQL, NOSQL

**AI/ML and Data Analysis:** Machine Learning, TensorFlow, Data Visualization, Predictive Modeling

**Cloud and Devops:** AWS (S3, ECS, ECR, Lambda, EC2), Docker, Git, Agile Methodologies

## Experience

### Mantra Collab — AI Content Creator Web App (GenAI, Cloud)

January 2025

- Designed a **cloud-based GenAI platform** using **Next.js**, **AWS**, **REST APIs**, **Docker**, and **LLMs (ChatGPT, Gemini, Veo)** for shot-wise content and video generation.
- Developed **admin modules** for authentication, user management, API key management, and reusable templates
- Configured **JSON-driven video pipelines** with storyboard export (PDF/JPG), reducing content creation time by **40%**

## Projects

### ReturnShield.Ai | *Python, TensorFlow, CNN, OpenCV, Flask*

January 2025

- Built an **AI-based fraud detection system** using **computer vision and machine learning**, reducing retail return fraud by **85%**.
- Implemented **CNN-based multi-image product verification** to improve accuracy and consistency
- Integrated **multilingual (11 languages) voice interaction**, reducing manual verification effort

### Nexus Cloud – Cloud Deployment | *AWS (ECS, ECR, S3), Docker, Git, CI/CD*

November 2025

- Engineered and automated a **containerized CI/CD pipeline** using **Docker**, **AWS ECS**, and **ECR**, eliminating **4+ manual deployment steps**
- Deployed **secure, cost-efficient static websites** on **Amazon S3** with **multi-domain routing**.
- Established **Apache Kafka-based real-time log streaming** in a **microservices architecture**, reducing manual log review by **90%**.

### SmartAgri | *Python, Machine Learning, Decision Tree, Data Preprocessing*

May 2024

- Architected an **Arduino-based automated irrigation system** using **3 environmental sensors**, enabling real-time, data-driven irrigation decisions.
- Applied a **Decision Tree model** to predict irrigation needs, improving **water efficiency by 30%**.

## Extracurricular & Achievements

- Top 10 Finalist** – Arthneeti, **IIM Nagpur** (National-level entrepreneurship competition).
- Top 50 Finalist** – Meesho **ScriptByHer Hackathon** (Pan-India hackathon).
- Event Lead** – FeedBox Club, **VIT Bhopal**: Led **40 volunteers** in planning and executing **10+ events**, improving participant engagement by **25%** through streamlined operations.

## Certifications

- AWS Solutions Architect** – Associate Certification Program
- AI Foundations Associate** — Oracle Cloud Certified
- DevOps, Agile & Design Thinking** — IBM Career Education Program