

PRIYANSHI GANGRADE

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Education

Vellore Institute of Technology (VIT) <i>B.Tech in Computer Science with specialization in Cloud Computing and Automation</i> Relevant Coursework: Data Structures, DBMS, OS, CN, Machine Learning, Cloud Computing	May 2026 CGPA - 9.07 /10
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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
<ul style="list-style-type: none">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 templatesConfigured JSON-driven video pipelines with storyboard export (PDF/JPG), reducing content creation time by 40%	

Projects

ReturnShield.Ai <i>Python, TensorFlow, CNN, OpenCV, Flask</i>	January 2025
<ul style="list-style-type: none">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 consistencyIntegrated multilingual (11 languages) voice interaction, reducing manual verification effort	

Nexus Cloud – Cloud Deployment <i>AWS (ECS, ECR, S3), Docker, Git, CI/CD</i>	November 2025
<ul style="list-style-type: none">Engineered and automated a containerized CI/CD pipeline using Docker, AWS ECS, and ECR, eliminating 4+ manual deployment stepsDeployed 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 <i>Python, Machine Learning, Decision Tree, Data Preprocessing</i>	May 2024
<ul style="list-style-type: none">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