Priyanshi Gangrade

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Education

VIT Bhopal University	Bhopal, Madhya Pradesh
BTech	Expected May 2024

Major in Computer Science; Minors in Cloud Computing and Automation
Cumulative CGPA: 8.98/10

12th Standard

Macro Vision School	Burhanpur, Madhya Pradesh
CBSE Cumulative : 80.2%	July 2022

10th Standard

Bhandari Public School	Khandwa, Madhya Pradesh
CBSE Cumulative : 85.8%	July 2020

Projects

ReturnShield.AI - E-commerce Fraud Prevention System   July 2025

- Developed an AI-powered return fraud detection system for Indian SMBs, reducing fraudulent claims by 85% using TensorFlow.js and MobileNetV2 for browser-based image fingerprinting
- Implemented voice-guided vernacular workflows (11 languages) with Web Speech API to serve non-English speaking sellers
- Customised the pre-trained MobileNetV2 CNN model (input: 224x224 RGB images) with additional dense layers optimised for product authenticity verification

Smart Irrigation System   November 2024

- Designed and implemented a Smart Irrigation System using IoT sensors (soil moisture, temperature, humidity), Arduino, and AI for automated and efficient water management..
- Developed a Decision Tree-based machine learning model to predict optimal irrigation times using real-time sensor data and weather conditions.
- Automated irrigation control using sensor-actuated water pumps, improving resource efficiency, reducing water wastage, and enhancing crop health.

Extracurricular

FeedBox Club - Event Lead   November 2024 - May 2025

- Organised and conducted multiple events, coordinating with teams to ensure seamless execution.
- Led event planning, logistics, and participant management.

MUN Club - Technical Team Member   March 2024 – January 2025

- Developed, managed, and maintained the official MUN club website, ensuring seamless functionality and user experience.

E-Cell Club - Core Member, Events Team   March 2024 – January 2025

- Managed and coordinated several major events for the E-Cell. Oversaw 800+ participants across events, ensuring successful execution.
- Contributed to scripting and anchoring for E-Summit, enhancing event flow and engagement.

Awards and Certificates

- Published a research paper titled "Edge and Fog Computing in Cyber-Physical Systems" in IEEE, analyzing decentralized computing for IoT optimization, including framework design and real-world applications like smart cities and autonomous vehicles.
- IBM Certified in DevOps, Agile, and Design Thinking
- Published a research paper titled "Edge and Fog Computing in Cyber-Physical Systems" in IEEE
- Top 10 Position in ArthNeeti Competition, IIM Nagpur

Skills

Technical Skills: Proficient in MATLAB, Python, C/C++, Java, JavaScript, SQL.
Technologies & Tools: AWS, EC2, S3, HTML, CSS, JavaScript, BootStrap, NodeJS, ReactJS
Languages: Fluent in English, Hindi