

Priyanshi Gangrade

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Education

VIT Bhopal University

BTech

Major in Computer Science; Minors in Cloud Computing and Automation

Cumulative CGPA: 8.98/10

Bhopal, Madhya Pradesh

Expected May 2024

12th Standard

Macro Vision School

CBSE Cumulative : 80.2%

Burhanpur, Madhya Pradesh

July 2022

10th Standard

Bhandari Public School

CBSE Cumulative : 89%

Khandwa, Madhya Pradesh

July 2020

Projects

AI Fusion Website

March 2024 – May 2024

- Developed an AI tool discovery platform integrating 50+ tools with descriptions, ratings, and demo videos, boosting accessibility by 60%.
- Improved user engagement by 45% with an intuitive, structured UI using HTML, CSS, and JavaScript.
- Optimised MySQL database to manage 50+ user records, enhancing query performance by 40%.

Smart Irrigation System

November 2024 – April 2025

- 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

- Online course in HTML, CSS, and Javascript – Coursera
- 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