

VANSH BADJATE

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Technical Skills

Languages: Python, Java, C++.

Web Tech: HTML5, CSS3, JavaScript.

Tools & Platforms: Git, Github, VS Code, Google colab, Power BI, IBM SPSS.

AI/ML Tools: OpenCV, TensorFlow, Keras, IBM SPSS, Google Colab.

AI Tools & Utilities: ChatGpt, Copilot, Deepseek, Bolt, Lovable

Education

B.Tech - AIML, Sanjivani University, Kopergaon Kopergaon, Maharashtra
2024 - 2027
CGPA: 8.82 (Direct 2nd Year)

Diploma - Computer Technology, Sanjivani K.B.P Polytechnic, Kopergaon Kopergaon, Maharashtra
2021 - 2024
Percentage: 84.51

Experience

AI & Cloud Intern – IBM SkillsBuild via Edunet & AICTE **Jul 2025 – August 2025**

- Developed AI-Based Research Assistant Agent on IBM Watsonx, capable of summarizing papers, drafting sections, etc...
- Utilized Agentic AI, IBM IAM Auth, Python, Google & Wikipedia search for deployment.
- GitHub Repository: [Link](#)

Web Development Intern – Techking Solution, Shirdi **Jul 2023 – Aug 2023**

- Built live Currency Converter website with real-time API integration
- Led UI/UX and deployment with team collaboration
- Live Preview: [Link](#)

Projects

AI Fake News Detector

Tech: Python, FastAPI, Google Gemini, HuggingFace | **GitHub:** [Project Repository](#)
- Real-time news verification system for text and URLs using AI models
- Provides verdicts with confidence scores, explanations, and trusted sources

AgriPredict – Smart Crop Yield Forecasting System

Tech: Python, Flask, scikit-learn, Node.js, OpenWeatherMap API | **GitHub:** [Project Repository](#)
- AI-powered platform for crop yield prediction & soil-based suitability analysis
- Integrated real-time weather monitoring, multilingual alerts, and voice assistant

Real-Time Face Emotion Detection

Tech: Python, OpenCV, CNN | **GitHub:** [Project Repository](#)
- Offline webcam-based emotion detection using CNN and Haar cascade

IoT Smart Farming System (Slurry Automation)

Tech: ESP32, Firebase, HTML, JS | **GitHub:** [Project Repository](#)
- Automated irrigation using IoT, sensor data, and real-time dashboard

Certification

Predictive Modeling with IBM SPSS Modeler | IBM (April, 2025)

Cloud Fundamentals | IBM (Nov, 2024)

Introducing Generative AI with AWS | Udacity (June, 2025)

Leadership & Technical Activity

Participant, SUNHACKS 2025 – Built AgriPredict within 36 hours under the “Machine Learning” theme.

Vice President, AIML Department Student Association (ADSA), Sanjivani University (2024 – 2025).

Participant, Spectra Vision Workshop on Hyperspectral Imaging, conducted by Dr. Arvind Mukundan (Taiwan)