

VANSH BADJATE

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CAREER OBJECTIVE

Aspiring AIML engineer skilled in Python, ML, and API integration, passionate about building secure, AI-driven solutions that empower users and protect data privacy. Strong problem-solving and collaboration skills with a focus on innovation and real-world impact.

EDUCATION

Bachelor of Technology - CSE With AIML Specialization	CGPA: 8.82/10	2024 - 2027
Sanjivani University, Kopargaon		
Diploma in Computer Technology	Percentage: 84.51%	2021 - 2024
Sanjivani K.B.P Polytechnic, Kopargaon		
SSC - Maharashtra Board	Percentage: 83.40%	2020 - 2021
S.G.Vidyalaya, Kopargaon		

TECHNICAL SKILLS

Languages: Python, Java, C++.

Web Tech: HTML5, CSS3, JavaScript.

Database:- MySQL, MongoDB.

Frameworks & Libraries: Pandas, Flask, Streamlit, PySpark, TensorFlow, Keras, OpenCV, Scikit-Learn, Hugging Face.

Tools & Platforms: Git, Github, VS Code, IBM SPSS, IBM Watsonx Studio, Google Colab, Power BI.

AI Tools & Utilities: Bolt, Lovable, Cursor, Windsurf, Trae AI, Google NotebookLM.

PROJECTS

Designed and Developed Website for an AI-Based Fake News Detector

- Created this platform to help users verify the authenticity of online news and reduce misinformation using AI-driven analysis.
- Integrated advanced AI models for fact-checking and confidence scoring, providing detailed explanations and verified source references in a user-friendly web interface.
- Technologies Used:** Python, FastAPI, HTML, CSS, JavaScript.
- GitHub:** [Project Repository](#)

Designed and Developed Website for AgriPredict – Smart Crop Yield Forecasting System

- Built this platform to help farmers predict crop yield using soil data, weather conditions, and regional patterns, enabling better planning and smarter agricultural decisions.
- Integrated real-time weather monitoring, soil suitability analysis, and a multilingual voice assistant for better accessibility and precision.
- Technologies Used:** Python, Flask, scikit-learn, Node.js, OpenWeatherMap API, HTML, CSS, JavaScript
- GitHub:** [Project Repository](#)

Designed and Developed Website for Real-Time Face Emotion Detection

- Created this system to analyze human emotions in real time from webcam input, enabling smarter interaction and improved awareness in AI-driven applications.
- Built a computer vision pipeline using classical detection and deep learning-based classification to provide instant visual emotion feedback.
- Technologies Used:** Python, OpenCV, TensorFlow/Keras, NumPy, Haar Cascade Classifier, CNN.
- GitHub:** [Project Repository](#)

Implemented an IoT-Powered Slurry Utilisation and Waste Recycling System for Smart

- Designed and implemented an IoT-driven smart irrigation system that automates slurry distribution based on real-time soil moisture data using ESP32 and Firebase.
- Enabled line-by-line slurry control, real-time monitoring, and cloud synchronization through a responsive web dashboard for efficient agricultural waste management.

- **Technologies Used:** ESP32, Soil Moisture Sensors, Relays, Solenoid Valves, Firebase Realtime Database, HTML, CSS, JavaScript
- **GitHub:** [Project Repository](#)

Designed and Developed Website for Deepfake Detection System

- Built this platform to help users identify manipulated videos and ensure authenticity of digital media using AI-driven analysis.
- Implemented an efficient pipeline for face extraction and deepfake detection with a user-friendly interface for quick verification.
- **Technologies Used:** Python, PyTorch, MediaPipe, FastAPI, Streamlit
- **GitHub:** [Project Repository](#)

INTERNSHIPS

AI & Cloud Intern – IBM SkillsBuild via Edunet & AICTE

Jul 2025 – Aug 2025

- Developed AI-Based Research Assistant Agent on IBM Watsonx, capable of summarizing papers, drafting sections.
- 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](#)

CERTIFICATION

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|---|--|
| • Cloud Fundamentals | Issued by IBM Career Education Program |
| • Predictive Modeling with IBM SPSS Modeler | Issued by IBM Career Education Program |
| • IBM Watson Studio | Issued by IBM Career Education Program |
| • Introducing Generative AI with AWS | Udacity |

CO-CURRICULAR ACTIVITY

- Participated National Level Hackathon, SUNHACKS 2025 Organised by Sandip University, Nashik.
- Participated State Level Project Competition, Dipex 2025 – Selected till idea presentation round for project proposal
- Participated in the Spectra Vision Workshop on Hyperspectral Imaging held at Sanjivani University, conducted by the team from National Chung Cheng University (Taiwan), duration: 1 week.

EXTRA CURRICULAR ACTIVITY

- Vice President, AIML Department Student Association (ADSA), Sanjivani University (2024 – 2025).
- Sports Secretary, ACTS (Association of Computer Technology Students), Sanjivani K.B.P. Polytechnic (2023–2024).

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge. I am confident that if given an opportunity, I will deliver my best and contribute positively to the growth of your organization.

PERSONAL DETAILS

Name: Vansh Nilesh Badjate

Date of Birth: 25 Feb 2006

Gender: Male

Nationality: Indian

Languages Known: English, Hindi, Marathi

Sign 

Name: Vansh Badjate