VANSH BADJATE

+91 9403931288 | badjatevansh1008@gmail.com | Kopargaon, Maharashtra
| LinkedIn :- vansh-badjate1008 | Github :- Vanshbadjate07

Professional Summary

A passionate B.Tech AIML student with a diploma in Computer Technology, skilled in programming, IoT systems, and web development. Completed hands-on projects integrating hardware and cloud platforms. Quick learner with strong problem-solving abilities, seeking opportunities in software development or AI/ML to apply and expand technical skills.

Technical Skills

- **Programming Languages:** C, C++, Java, Python
- **Web Technologies:** HTML5, CSS3, JavaScript
- **Database:** MySQL
- **Tools & Platforms:** Git, Github, VS Code, Excel, Power BI, IBM SPSS
- **AI Tools & Utilities:** ChatGpt, Copilot, Deepseek, Bolt

Education

Bachelor of Technology - Artificial Intelligence and Machine Learning (AIML) 2024 – Present
Sanjivani University, Kopargaon | CGPA: 8.82/10.0 (2nd Year)

Diploma in Computer Technology 2021 – 2024
Sanjivani K.B.P. Polytechnic, Kopargaon | Percentage: 84.51%

SSC - Pune Board 2020 - 2021
S.G.Vidyalaya, Kopargaon | Percentage: 83.40%

Internship Experience

Web - Development **07/2023 - 08/2023**
Techking Solution, Shirdi

- Assisted in developing a responsive Currency Converter website using HTML, CSS, and JavaScript, resulting in accurate real-time currency conversions and improved UI experience.
- Analyzed API integration for live exchange rates and implemented logic to dynamically update currency values.
- Collaborated with a small virtual team of 3 to share code reviews, troubleshoot issues, and enhance front-end functionality.
- Managed end-to-end design and deployment of the project, leading to successful demonstration and positive feedback from the mentor panel.
- Live Preview Link : Live Preview

Academic Projects

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

May, 2025

Github Link: Project Repository

Objective:

To automate slurry distribution and waste recycling in agriculture using real-time soil moisture data, IoT devices, and a cloud-connected web dashboard for efficient irrigation and sustainable farming.

Technologies Used:

ESP32, Soil Moisture Sensors, Relay Modules, Solenoid Valves, Firebase Realtime Database, HTML, CSS, JavaScript, Firebase SDK, Arduino IDE.

Application:

The system allows farmers to initiate slurry distribution manually, after which it automatically manages line-by-line flow using sensor data and relay control. Real-time status is sent to Firebase and displayed on a web dashboard, promoting efficient farming with reduced labor and improved resource management.

Designed a Web-Based "Parent Teacher Connectia" System for Academic Communication and Monitoring

April, 2024

Github Link: Project Repository

Objective:

To develop a centralized, web-based platform that improves communication between parents, teachers, and students by offering real-time access to academic performance, attendance, achievements, and schedules.

Technologies Used:

HTML, CSS, JavaScript, PHP, MySQL, XAMPP (Localhost), Bootstrap, Firebase (for alerts)

Application:

The system allows parents to track their child's progress through features like academic reports, attendance notifications, achievements, and timetable access. It also supports virtual meetings and messaging with teachers, and provides a separate portal for faculty to manage student data.

Developed a Real-Time Weather Forecast Web Application

Jan, 2025

Github Link: Project Repository

Live Preview: Website Link

Objective:

To create a responsive web application that provides real-time weather updates for any global location using live API data.

Technologies Used:

HTML5, CSS3, JavaScript, WeatherAPI, Netlify (for deployment).

Application:

Users can search any city or location to view real-time weather conditions, including temperature, wind speed, humidity, visibility, and overall weather status (e.g., sunny, cloudy). The app features a clean, mobile-responsive UI and is accessible across devices. Planned future updates include a 7-day forecast feature.

Certifications

- **Data Analytics and Visualization Job Simulation | Accenture** — Nov, 2024
- **DevOps Fundamentals | IBM** — Oct, 2024
- **Cloud Fundamentals | IBM** — Nov, 2024
- **Predictive Modeling with IBM SPSS Modeler** | IBM — April, 2025
- **Acquiring Data (Level 1-Al Fundamentals ofAl ASCEND) | Accenture** — Feb, 2025
- **Introducing Generative AI with AWS | Udacity** — June, 2025

Co-Curricular Activities

- Vice President, AIML Department Student Association (ADSA), Sanjivani University (2024 – 2025).
- Participant, Spectra Vision Workshop on Hyperspectral Imaging, conducted by Dr. Arvind Mukundan (Taiwan)
- Participant, Dipex 2025 – Selected till idea presentation round for innovative project proposal
- Participant, SATWA 2025 National Hackathon, Kerala – Qualified 1st online round of technical hackathon
- Sports Head, Computer Technology Department (Diploma – 3rd Year)

Extra-curricular Activities

- Participant, Fencing and Table Tennis tournaments at college level.
- Sports Head, Organized and managed departmental sports activities during diploma.
- Interest in Creative Activities, including web design, event coordination

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.