**ANIKA TIWARI**

**CONTACT INFORMATION**

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**EDUCATION  
Vellore Institute Of Technology, Bhopal, Madhya pradesh  
Bachelor of Technology (B.Tech) in Computer Science & Engineering  
2023 - 2027  
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, Artificial Intelligence, Database Management Systems, Machine Learning  
CGPA: 8.44**

**TECHNICAL SKILLS**

* **Programming Languages: Python, Java, C++, JavaScript**
* **Web Technologies: HTML, CSS, React.js, Node.js**
* **Database Management: MySQL**
* **Development Tools: Git, Docker, Kubernetes**
* **Operating Systems: Windows**
* **Other Skills: Data Structures, Algorithms, Machine Learning, Cloud Computing**

**PROJECTS  
Project 1: BUZZ N’ PLAY**

* **Description: BUZZ N’ PLAY is a gaming website, inspired by honey bees. There are many games like chess, suduko, spin the wheel, tic tac toe, fruit ninja, 2048, snake game, maze, memory game and connect the dots. The website also has a bee cursor and hidden bee facts.**
* **Technologies Used: Programming languages like python and javascript were used. Apart from that, html was used for frontend of the project.**
* **Achievements: The website runs perfectly. It is hosted in Netlify  
  link:** [**https://buzz-n-play.netlify.app**](https://buzz-n-play.netlify.app)

**Project 2: Football Tracker**

* **Description: A football tracking system that analyzes player movements, ball trajectory, and game statistics in real-time using computer vision and machine learning. It helps coaches and analysts evaluate player performance, optimize strategies, and improve team efficiency.**
* **Technologies Used: Python, OpenCV, TensorFlow, Deep Learning, PostgreSQL, Flask, React.js**
* **Achievements: Enhanced player tracking accuracy by 90% and provided real-time performance analytics. Successfully tested with local football teams for match analysis.**

**Project 3: Footfall Tracker**

* **Description: A footfall tracking system designed for retail stores to analyze customer movement, peak hours, and sales conversion rates. Uses AI-based vision analytics to provide insights for store optimization and improved customer experience.**
* **Technologies Used: Python, OpenCV, TensorFlow, Flask, PostgreSQL, React.js**
* **Achievements: Improved store layout efficiency by 30% and provided valuable insights to increase customer engagement. Successfully implemented in pilot retail stores.**

**CERTIFICATIONS**

* **Fundamentals of AI and ML – VITyathi, VIT**
* **Python Essentials- VITyathi, VIT**
* **Programming in Java- VITyathi, VIT**

**EXTRACURRICULAR ACTIVITIES**

* **Coding Club: Active member, participated in hackathons and coding competitions. Got selected for last round in onlinesales.ai hackathon**
* **Technical Fest: Organized and volunteered in university technical events. Also been an active member in non-technical fests like ADVITYA’24.**
* **Open Source Contributions: Contributed to GitHub repositories and open-source projects.**

**ACHIEVEMENTS & AWARDS**

* **Made it to last round of ONLINESALES.AI Hackathon, conducted by onlinesales.ai company located in Pune**

**INTERESTS**

* **Competitive Programming**
* **Artificial Intelligence & Machine Learning**
* **Cybersecurity**
* **Problem-Solving & Research**

**LANGUAGES**

* **English (Fluent)**
* **Hindi (Fluent)**
* **Marathi (Proficient)**