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PRAVIN PINJARKAR

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Education

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|---|---------------------|
| 1] Vishwakarma Institute Of Technology, Pune
B. Tech in Computer Engineering - Current CGPA-8.51 | Sep 2024 - Jun 2027 |
| 2] Government Polytechnic, Amravati
Diploma in Computer Engineering Percentage-89.47% | Aug 2021 – Jun 2024 |
| 3] Shri Samarth High School, Amravati
10 th Standard Percentage-88% | Jun 2015 – May 2021 |

Skills

- **Programming Languages:** Java, Python, C, C++
- **Core Concepts:** Data Structures and Algorithms (DSA)
- **Web Technologies:** HTML, CSS, JavaScript, React.js, Node.js, Express.js
- **Databases:** MongoDB, SQL, MySQL
- **Other Technologies:** PHP

Projects

- 1] **Doc-Genie The Microsoft Word AI Assistant**
 - Developed a Python-based AI assistant that performs tasks through voice and text commands.
 - Opening apps, searching Google, generating content, playing music, and creating documents/presentations.
 - **Tech Stack-**Python, SpeechRecognition, pyttsx3, Webbrowser API, OS Module, Automation Libraries
- 2] **End-to-End Secure Tracking System of Precursor Chemicals using Blockchain with Anomaly Detection**
 - Built a blockchain-powered supply chain tracking system to securely monitor chemical movement with tamper-proof records.
 - Integrated anomaly detection to identify suspicious activities and ensured real-time transparency through a full-stack web application.
 - **Tech Stack-**Solidity, Blockchain, Node.js, Express.js, MongoDB, HTML, CSS, JavaScript
- 3] **AI-Powered Self-Adjustable & Self-Cleaning Solar (PV) Cell System**
 - Developed an intelligent solar panel system using computer vision to automatically adjust panel angles for maximum sunlight and detect dust/debris for automated cleaning.
 - **Tech Stack-** Python, YOLOv8, OpenCV, Computer Vision, IoT Sensors, Embedded Systems

Experience

MDB Electrosoft Internship

- I completed a 2-month internship at MDB Electrosoft, where I worked on real-world IoT projects.
- I gained practical experience with sensors, microcontrollers, and hardware–software integration, and improved my troubleshooting and problem-solving skills.

Achievements

- Winner – Inter-College Cricket Tournament (Overall College Champion)
- Achieved Runner-Up in the college-level Carrom Competition.
- Published Research Paper in IEEE Conference - Link-<https://ieeexplore.ieee.org/document/11308545>