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PRAVIN PINJARKAR

✉️ pravinpinjarkar2705@gmail.com

LinkedIn: <https://www.linkedin.com/in/pravin-pinjarkar-a71aab281/>

LeetCode: https://leetcode.com/u/Pravin_Pinjarkar/

Github: <https://github.com/pravin-pinjarkar>



Education

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>