ASHWINI A

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PROFILE

Dedicated and determined computer science engineering student with a strong foundation in coding, problem-solving and hands-on experience in teaching. Passionate about technology, continuous learning, applying innovative approaches to enhance performance and usability. Eager to contribute to a dynamic team and leverage my technical skills to drive successful project outcomes.

SKILLS

- **Programming Language:** Java, Python, HTML, CSS, JavaScript, C,PHP
- **Technologies & Tools**: Visual Studio Code, MS Word, MS Powerpoint, MS Excel, AngularJS, MediaPipe, Open CV, SQL, XAMP.
- **Cryptography concepts.**
- **Object Oriented Programming Concepts.**
- **Data structures and Algorithms.**

WORK EXPERIENCE

DRDO – CABS , Bangalore   **NOV-2023**
Intern
- Worked on a project 'Screen Recording Using Intel UHD 630' **-** Leveraging the capabilities of Intel UHD 360 graphics, system handles high-resolution video processing, ensuring detailed and high-quality video capture from various sources.
- Participated in brainstorming sessions that generated innovative solutions to project challenges, contributing to a successful project outcome.
- Facilitated effective communication among team members, ensuring alignment on project goals and tasks, which contributed to delivering high-quality results.

ACADEMIC PROJECTS

Gameplaying using Hand gestures with OpenCv and MediaPipe   AUG-2024
- Developed an interactive game control system that utilizes hand gesture recognition to enhance user experience.
- Integrated OpenCV for real-time video processing and MediaPipe for accurate hand tracking, enabling seamless gesture recognition.

To-Do list application | HTML, CSS, JAVASCRIPT, PHP, SQL.   FEB-2024
- Developed a dynamic web-based To-Do list application.
- Implemented features include user authentication, task categorization, and a responsive design for mobile compatibility. Utilized PHP for server-side scripting and SQL for database management, ensuring data persistence and security.

Indian Coin Exchange problem | Java - Swing.   JUN-2023
- Developed a graphical user interface (GUI) application to solve the Indian Coin Exchange problem, enabling users to determine the minimum number of coins required for a given amount.
- Enhanced understanding of algorithm design and GUI development while providing a practical solution to a common problem in financial applications

EDUCATION

- **MVJ College Of Engineering**   **2025**
  B.E in Computer Science   CGPA - 8.76
- **St. Joseph's Indian Composite PU College** **2021**
  PUC – PCM
- **St. Antony's Public School**   **2019**
  ICSE