DEVESH SINGH

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About Me

Aspiring Software Engineer with a strong foundation in Software Engineering, Embedded Systems. I am a dedicated and ambitious B.Tech student specializing in Computer Science and Engineering (CSE), with a deep understanding of Software Systems, Compilers, and UI/UX design. My expertise spans Data Structures, Algorithms (DSA), Object-Oriented Programming (OOP), and a passion for solving real-world challenges through innovative projects.

Education

Vellore Institute Of Technology   **Sep. 2022 – Sep 2026**
*Bachelor of Technology in Computer Science, **CGPA:** 8.49/10*   *Amravathi, Andhra Pradesh*

Kendriya Vidhyalaya No.3   **June 2020**
*10th, **Grade: 78%***   *Vadodara, Gujarat*

Kendriya Vidhyalaya No.3   **June 2022**
*12th, **Grade: 76.6%***   *Vadodara, Gujarat*

Technical Skills

Languages: Python, Java, HTML/CSS, JavaScript, SQL, R
Developer Tools: VS Code, IntelliJ, Google Colab
Technologies/Frameworks: Windows, GitHub, OpenCV,UI Design
Software Engineering: Software Systems, Compilers, Indexing, Embedded Development

Coding Profiles

‹/› LeetCode

https://leetcode.com/u/Devsh123/

‹/› Geeks For Geeks

https://www.geeksforgeeks.org/user/dk299hg78/

Experience

Intern At L&T ENERGY AND POWER   **JUNE 2024 – JULY 2024**
Intern   *Vadodara, Gujarat*
- Developed a computer vision tool using OpenCV to enhance operational efficiency and address specific challenges.
- Collaborated effectively with cross-functional teams.
- Participated in team meetings to share progress and gather feedback.
- Contributed to a positive team culture through knowledge sharing.

Projects

Airline Reservation System | *Java Swing, MySql*

GitHub Repository
- Designed and implemented an Airline Reservation Booking System, showcasing proficiency in software development, database management, and problem-solving skills. The project involved creating a user-friendly interface, ensuring seamless reservation processes and enhancing overall system functionality.

Gesture-Based Presentation Controller | *OpenCV, MediaPipe, Python, Pyautogui*

GitHub Repository
- Developed an innovative presentation controller that allows users to navigate slides using hand gestures, enhancing accessibility and user experience.

Position of Responsibility

Technical Team Member   **CodeChef Club - Vellore Institute Of Technology, AP**

- Led development and maintenance of coding challenges and contests, ensuring a seamless experience for participants.
- Collaborated with team members to create problem statements, test cases, and solutions, enhancing the club's competitive programming environment.