Manish Verma

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Pune, Maharashtra, India

Languages & Frameworks

C++, Java, Python, SQL, Windows Forms, HTML, Shell scripting, CSS, JavaScript, AngularJS

Databases

Oracle 10g, My SQL, Mongo DB

Tools & Other Acquaintance

Eclipse, Visual Studio, Anaconda, Jupyter Notebook, MS Office

Operating Systems

Windows 7 - 10, Ubuntu, Fedora

Career Objective

Energetic and passionate college student pursuing B.E in Information Technology at Savitribai Phule Pune University. Proficient in C++, Java, Python, MySQL and MongoDB. Passionate about implementing and launching new projects. Aiming to leverage proven technical, problem-solving and analytical skills.

Education

- B.E (Information Technology)
  Sinhgad Academy of Engineering (Savitribai Phule Pune University)
  Batch 2019 - 2023
  CGPA: 9.66/10

- Senior Secondary (XII), Science
  Kendriya Vidyalaya No.3 9BRD, Pune (CBSE board)
  Year of Completion: 2019
  Percentage: 81.20%

- Secondary (X)
  Kendriya Vidyalaya No.3 9BRD, Pune (CBSE board)
  Year of completion: 2017
  Percentage: 92.40%

Academics and Projects

Bus Ticketing System using MongoDB (Nov 2021 - Dec 2021)

- Created a Fully Functional Bus Ticketing System Using C#, MongoDB & Windows Forms Application
- Created the collections and documents in the MongoDB database.
- Implemented services to connect the database to the backend using C#.
- Implemented the frontend using the Windows Forms Application based on the .NET Framework.

Video Reactive Ambilight Lighting System For TV (Aug 2021 - Aug 2021)

- Created a video reactive ambilight system using the Raspberry pi 4 and Arduino microcontrollers.
- Programmed the Addressable LEDs using the FastLED Animation Library based on C/C++.

Audio Reactive LEDs (Jul 2021 - Jul 2021)

- Created an Audio reactive LED system using Addressable LEDs and Arduino.
- Programmed the Addressable LEDs to react to the sounds using the FastLED Animation Library based on C/C++.

A Desktop AI Voice Assistant using Python (May 2021 - Jun 2021)

- Created a Desktop Voice Assistant (J.A.R.V.I.S) using Python that takes voice inputs and accordingly performs the given instruction.
- Used the Google Speech to text API to convert voice commands into text.