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| **Satwik Kambham** | | +91 9701893834 [satwik.kambham@gmail.com](mailto:satwik.kambham@gmail.com)  [code-explorer.github.io/Personal-Website/](https://code-explorer.github.io/Personal-Website/)  [github.com/code-explorer](https://github.com/code-explorer) |
| EDUCATION Bachelors in Computer Science and Engineering, Chandigarh University2020 - 2024 SKILLS  **Languages**:  C#, Java, Python, C++, SQL  **Desktop Development:** .NET WPF, Electron  **Web Development:**  JavaScript, HTML, CSS, Node JS, Express  **Others:**  Git, GitHub, Unity, Docker, LaTeX, SQLite  COURSES AND CERTIFICATIONS   * Data Structures and Algorithms * Database Management System * Object Oriented Programming in C++ * Web Development * An Introduction to Artificial Intelligence * Computer Organization and Architecture. * Computer Networking * Open Source Software Development Methods | SUMMARY    Logical, organized, highly motivated problem solver. Strong foundation in data structures and algorithms. Experienced in object-oriented programming, debugging and testing code. Excellent teamwork, interpersonal and communication skills. Proficient at applying newly learnt concepts into projects. Skilled at collaborating with others and also successful in self directed settings.  You can find my blog at [**satwikkambham.blogspot.com**](https://satwikkambham.blogspot.com/)where I share my coding projects with those who are looking for inspiration and guidance with their projects.  EXPERIENCE AND PERSONAL PROJECTS  [*PROJECT MANAGER V2*](https://github.com/code-explorer/Project-Manager-V2)***:***  A .NET WPF desktop application which has an easy to use interface and various productivity features to manager programming projects.  **Tools Used:** .NET, C#, LiteDB.  [*CAPTIONATOR:*](https://github.com/code-explorer/Captionator)  A desktop application which provides live captions of audio from other applications or from a microphone.  **Tools Used:** Python, WxPython, Vosk.  [*BREAK TIMER:*](https://github.com/code-explorer/Break-Timer)  A desktop application which reminds the user to take breaks and helps the user stay healthy by providing tips.  **Tools Used:** Electron, HTML, CSS, Javascript.  *[MUSICO (Collaborative Project)](https://elemental-tortoiseshell-trillium.glitch.me/)*[:](https://elemental-tortoiseshell-trillium.glitch.me/)  A music store page which allows creators to add their music which the users can play based on their subscriptions.   * Led the team and guided each individual to collectively create the winning project. * Created the backend of the application using Node JS, Express and SQLite.   **Tools Used:** Node JS, Express, SQLite, HTML, CSS, JavaScript.  OTHER PROJECTS   * Personal Website – A simple portfolio website. * 8-Puzzle Solver – Solver which uses state space search methods. * Particle Collision Simulator – A simple simulation made in java. * Project Manager – A Qt based desktop application. * Sorting Algorithm Analysis – A sorting algorithm speed analyzer. | |