

Satwik Kambham

+91 9701893834
satwik.kambham@gmail.com
code-explorer.github.io/Personal-Website/
github.com/code-explorer

EDUCATION

Bachelors in Computer Science and Engineering, Chandigarh University,
Punjab, India
2020 - 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 to projects. Skilled at collaborating with others and also successful in self-directed settings.

You can find my blog at 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:

A .NET WPF desktop application that has an easy to use interface and various productivity features to manage programming projects.
Tools Used: .NET, C#, LiteDB.

CAPTIONATOR:

A desktop application that provides live captions of audio from other applications or from a microphone.
Tools Used: Python, WxPython, Vosk.

BREAK TIMER:

A desktop application that reminds the user to take breaks and helps the user stay healthy by providing tips.
Tools Used: Electron, HTML, CSS, JavaScript.

MUSICO (Collaborative Project):

A music store page that 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.