

Satvik Tambe

Roll No.: 23BAI1244

Bachelor of Technology

Vellore Institute of Technology, Chennai

+91-9833018641

✉ satviktambe@gmail.com

🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

•Bachelor of Technology in Computer Science and Engineering(AI and ML)

2023-2027

Vellore Institute of Technology

CGPA: 8.39

PERSONAL PROJECTS

•TikTok Clone

A basic clone of TikTok using Flutter,GetX,Firestore.

- Developed a basic TikTok clone using Flutter, integrating GetX for state management and Firestore for video storage and real-time data retrieval.
- Implemented smooth video uploading, playback, and scrolling for an optimized user experience.
- Leveraged Firestore for secure and scalable data handling, improving app reliability and responsiveness.
- Focused on seamless UI/UX design, ensuring fast video loading and efficient performance.

•Pollution Sensing App for Campus

An app which shows the levels of pollution in different places on campus at different times of the day

- Developed a real-time pollution sensing app using IoT and Wireless Sensor Networks (WSN) to monitor air quality.
- Integrated sensors to collect environmental data and display real-time pollution levels on a user-friendly interface.
- Optimized data processing for accurate readings and efficient transmission, improving system reliability.
- Designed the app to provide actionable insights, helping users stay informed about air quality conditions.

•Weather App using API Calling

Developed a weather app using flutter to show the weather of different places in real time.

- Developed a weather app using Flutter, integrating real-time API calls to fetch accurate weather data.
- Designed a clean and intuitive UI/UX, displaying temperature, humidity, and weather conditions in a user-friendly format.
- Optimized API response handling for faster data retrieval and improved app performance.
- Implemented smooth navigation and real-time updates, ensuring a seamless user experience.

•Personal Portfolio Website

A dynamic and responsive portfolio website showcasing my skills, projects, and achievements

- Designed and developed a personal portfolio website using HTML, CSS, and JavaScript for a modern and interactive user experience.
- Implemented a backend using JavaScript with the Node.js runtime to handle contact form submissions and dynamic content management.
- Optimized website performance and responsiveness to ensure a seamless experience across devices.
- Integrated animations and smooth transitions for an engaging and visually appealing design.

EXPERIENCE

•Google Developer Groups on Campus, VIT Chennai

October 2024 - Present

App Developer

- Developed mobile applications as part of GDG initiatives.
- Volunteered as a Technical Member in an App Development Hackathon, assisting participants with coding, debugging, and implementation.
- Contributed to mentoring and supporting developers in building scalable and efficient mobile applications.

•Music Club, VIT Chennai

October 2024 - Present

Music Producer

TECHNICAL SKILLS AND INTERESTS

Programming Languages: C/C++, Python, Javascript, HTML+CSS,Dart,Java

Libraries : C++ STL, Python Libraries

Web Dev Tools: VScode, Git, Github

Frameworks: Flutter

Cloud/Databases: Firebase, Relational Database(mysql)

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Computer Networks, Object Oriented Programming, Artificial Intelligence, Database Management System.

Areas of Interest: App Development, Artificial Intelligence.

Languages: English,Spanish,Hindi,Marathi

Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability