

BYN Siddharth Sai

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EDUCATION

College / University: Amrita University

Degree: Btech CSE

Duration: 2025 - 2029

SKILLS

Programming Languages: Python, HTML, CSS, JavaScript

Frameworks / Libraries: React, FastAPI

Tools / Technologies: Git, GitHub, REST APIs, SQLite, VS Code

PROJECTS

MeloFi — Music Streaming / Player Application

- Description: Developed a Spotify-style music streaming application with React and Flask, supporting playlists, search, liked songs, and a dynamic audio player. Integrated external APIs and built backend services for user authentication and listening history.

- Technologies Used: React, Flask SQLite, Audius API, REST API, CSS

- Key Features: Music Streaming, Playlist Management, Smart Search, Recently Played, Liked Songs, Interactive Music Player

Hodora

- **Description:** A risk-aware city mapping platform that visualizes accident hotspots, dangerous roads, and public hazards using geo-analytics and interactive maps. Implemented features like risk scoring, heatmaps, location-based danger detection, and user-reported issues using React, Leaflet, Flask, and SQLite.
- **Technologies Used:** React, Flask, SQLite, Leaflet.js, REST API, CSS
- **Key Features:** Accident Hotspot Visualization, Interactive risk Map, Location Risk Checker, User Issue Reporting, Tag based filtering, City Risk Analysis