

Manikandan Rasu

rmani-dev.netlify.app | +91 8667822605 | manikandanrasubi@gmail.com

SKILLS

Languages: Python, HTML/CSS

Frameworks: Flask, Django

Databases: Postgresql, Redis

Cloud: AWS EC2/S3, SNS

Infratools: Git, Docker

EDUCATION

Bachelor of Engineering (B.E.) - Electronics and Communication Engineering

Grad: | Apr 2025

KARAIKUDI INSTITUTE OF TECHNOLOGY

Karaikudi, TamilNadu

PROJECTS

TRADE TICKER | INTERACTIVE STOCK MARKET WEB PLATFORM

- Built an interactive web platform to visualize real-time stock data using the **yfinance API**, enabling users to monitor market trends effortlessly.
- Integrated dynamic line charts and historical data views with filtering options to provide actionable insights on stock performance over time.
- Designed a user-friendly and responsive interface using Streamlit, ensuring smooth interaction across devices and enhancing user engagement.
- Employed **Python**, **Pandas**, and **Streamlit** for fast data handling and visualization, creating a seamless and intuitive analytical experience.

Technologies Used: Flask, Streamlit, pandas, Numpy, Plotly, PostgreSQL

SPOTIFY CLONE | MUSIC STREAMING WEB APPLICATION

- Architected a scalable **RESTful API** with **Django** and **Django REST Framework** to enable seamless music streaming and playlist management.
- Designed and implemented **CRUD** endpoints for songs, albums, playlists, and user libraries—complete with search and filter capabilities for quick discovery.
- Secured user registration, login, and session management using **JWT** tokens, ensuring robust authentication and authorization.
- Modeled relational data in **PostgreSQL** via **Django ORM** for optimized queries and efficient data retrieval.

Technologies Used: Python, HTML/CSS, Django, JWT, Postgresql

LINKS

Linkedin:// [manikandanrasu](#)

Github:// [manikandanrasu](#)