A Murali

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EDUCATION

Nbkrist vidyanagar	vidyanagar, AP
Compuet Scince Engineering (CSE)	*Aug. 2023 – May 2027*
Rayalaseema Jr collage	Srikalahasti, AP
Mathematics, Physics, and Chemistry (MPC)	*Aug. 2021 – May 2023*

PROJECTS

Tobify - Student Management System | *Django, PostgreSQL* ——Click——   Jan. 2024 – Present
- Developed a comprehensive web application for managing student notes, attendance, and user authentication.
- Implemented features such as user registration with email verification, secure login, password reset functionality, and email-based OTP verification.
- Enabled users to create, edit, and delete personal notes, with options to make them public or private.
- Integrated attendance tracking and provided a user-friendly interface for efficient management.
- Technologies used: Django, PostgreSQL.

NbkristQik Telegram Bot | *Node.js, SQLite, Cheerio, axios, Google Generative AI, Together AI*   2024
- Developed a Telegram bot to assist students with functionalities like AI responses, attendance checking, midterm marks, and image generation.
- The bot uses Node.js for the backend, SQLite for data storage, and integrates with libraries such as Cheerio for web scraping and axios for HTTP requests.
- Incorporated AI-powered responses using Google Generative AI and Together AI for advanced conversational capabilities.
- Implemented group membership verification and modular features for easy maintainability.
- Key features include AI responses, attendance checking by roll number, midterm marks retrieval, and image generation from user prompts.

DEVELOPMENT PLANS

Course Aggregator Website | *In Progress*   Jan. 2024 – Present
- Planning to develop a website that aggregates free online courses from various platforms and streams them in one place.
- Technologies planned: React, Tailwind, ExpressJs, MongoDB.
- The project will involve web scraping to gather course data, backend development for streaming and organizing content, and frontend development for a user-friendly interface.

TECHNICAL SKILLS

Languages: Java, Python, C, JavaScript, TypeScript, HTML/CSS
Frontend Skills: React, Bootstrap, Tailwind, Figma
Backend Skills: Flask, Django, ExpressJs
Web Scraping: BeautifulSoup4 (Python), Cheerio (JavaScript)
Databases: MySQL, PostgreSQL, SQLite3, LibSQL, MongoDB
Developer Tools: Git, VS Code, , OpenUI, ComfyUI

COURSES AND CERTIFICATIONS

Completed the **HTML/CSS**, **Python**, **Django**, **JavaScript**, and **ExpressJs** courses by Code with Mosh (Mosh Hamedani). Currently continuing with **React** and **TypeScript**.

Completed the **Data Structures and Algorithms** course by Code with Mosh (Mosh Hamedani).

INTERESTS

Exploring advancements in AI, particularly in text and image generation models.

Learning about decentralized technologies and Web3.

Studying geopolitics and its impact on global affairs.