Revanth Kolla

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Education

IIITDM Kancheepuram   *Aug 2023 – May 2027*
B.Tech in Computer Science and Engineering

Sri Chaitanya Junior College   *Aug 2021 – May 2023*
State Board of Intermediate Education

Sri Chaitanya International Olympiad School   *Jul 2019 – May 2021*
State Board of Secondary Education

Projects

Scribz — Modern Note-Taking Platform ⧉
- Developed a responsive full-stack notes application using **React**, **Node.js**, **Express**, and **MongoDB**, supporting complete **CRUD** functionality.
- Implemented user authentication with secure signup and login flows using **JWT** and **bcrypt** for backend validation.
- Designed a clean and minimal UI for seamless note-taking with support for editing and deletion.
- Built **RESTful APIs** to handle data operations and ensure efficient communication between client and server.
- Followed best practices for code modularity and structure, making the project easy to scale and maintain.

Vaultix — Secure Password Manager ⧉
- Built a secure password manager using the **MERN stack**, enabling full **CRUD** operations on user credentials.
- Implemented **authentication** with **bcrypt**-hashed passwords and **JWT**-based session handling.
- Designed a **responsive** and intuitive UI for managing stored passwords.
- Secured backend routes and followed best practices for sensitive data handling.

Campus Eats — Scheduled Food Delivery Platform ⧉
- I am currently working on a web application that connects the college cafeteria with hostel students through scheduled delivery slots.
- Developing a **cost-effective alternative** to external food delivery, reducing student meal costs by **40%+**.
- Created a responsive, modern front-end using **Next.js** and **Tailwind CSS**.
- Implementing secure **RESTful APIs** for menu management, order processing, and user authentication.
- Designing a scalable **MongoDB** database to manage orders and delivery scheduling for **1000+ students**.

Achievements

- Solved **300+** Problems on Leetcode.
- Secured AIR **1314** out of 20000+ members who participated in IICPC Codefest sponsored by HRT.
- Rated **1552** on Leetcode.

Technologies

Languages: C, C++, Python, HTML, CSS, JavaScript, SQL.
Frameworks and Libraries: Node.js, Express.js, React, Next.js, Tailwind, Pandas, Numpy, Matplotlib.
Developer Tools and Databases: Git, Github, VS Code, MySQL, MongoDB.
Concepts: Web Development, Machine Learning (Basics), Prompt Engineering, Data Structures and Algorithms.
Areas of Interest: Web Development, Machine Learning, Artificial Intelligence, Generative AI, Agentic AI.
Currently Learning: Typescript, Supabase, Agentic AI, n8n, Integration of ML Models and AI Agents with Web Applications.