

DATLA RAKESH VARMA

+91 8328661178 📍 Visakhapatnam, India

✉ datla.rakeshvarma@gmail.com [in](#) LinkedIn [📁](#) GitHub [</>](#) CodeChef [📄](#) LeetCode [🌐](#) Portfolio

OBJECTIVE

Passionate about building modular and scalable web applications and tackling real-world challenges with proficiency in C++ and MERN full-stack web development. Focused on creating innovative, user-centric solutions that drive technological advancement. Eager to contribute to impactful projects, continuously learn, and refine my skills in a collaborative environment.

EDUCATION

B.Tech in Computer Science and Engineering

Vignan's Institute of Information Technology

CGPA - 8.88

2022 - 2026

Intermediate (MPC)

Ascent Junior College

Percentage - 95.3%

2020 - 2022

Class 10 (SSC)

Sri Chaitanya EM School

CGPA - 10

2020

SKILLS

Programming Languages

C, C++, Python, JavaScript

Technologies

HTML, CSS, ReactJS, Node.js, Express.js, TypeScript, RESTful API

Tools

Git, GitHub, VS-Code, Tailwind CSS, Postman, MongoDB Atlas, Vercel

Databases

MongoDB

Soft Skills

Communication, Collaboration, Time Management, Planning and Organizing

EXPERIENCE

Front-End Developer Intern

MotionCut

May 2024 - Jun 2024

Remote

- Built several front-end web applications using **HTML**, **CSS** and **JavaScript**.
- Developed a **pricing landing page**, a **registration form**, an **e-commerce product page**, and a **to-do list app**.
- Focused on creating **responsive**, **intuitive** and **visually appealing** designs to enhance **user experience** across devices.
- Gained hands-on experience in front-end development, specializing in **design**, **performance optimization**, and **debugging**.

PROJECTS

Hackathon Hub

[🔗](#) Live [📁](#) Repo

Developed a centralized platform to showcase hackathons from regional engineering colleges, offering detailed event information.

- Designed an intuitive UI using **React** and **Tailwind CSS** with search and filter functionality based on date, location, and themes, enhancing discoverability and improving user experience.
- Built a **Node.js** and **Express** backend with **MongoDB** to store the info, implemented **JWT-based** admin authentication for the submission approvals, and used **node-cron** to auto-update event statuses (upcoming, ongoing, completed) in real time.

Expense Tracker

[🔗](#) Live [📁](#) Repo

Developed a full-stack expense tracking web application to manage daily finances with intuitive insights and visualizations.

- Built a responsive and mobile-friendly frontend using **React** and **Tailwind CSS**, designed a **RESTful API** using **Node.js**, **Express** and **MongoDB** also implemented **JWT-based** authentication to handle secure and efficient CRUD operations.
- Implemented dynamic charting using **Recharts** to visualize income vs. expenses, improving users financial awareness and also added export functionality to download finances as CSV and PDF reports, enabling easy record-keeping and sharing.

YT Video Summarizer

[🔗](#) Live [📁](#) Repo

Developed a responsive web application that uses AI to generate intelligent summaries of YouTube videos, enabling users to quickly extract key points, chapters, and quotes from long-form content.

- Integrated **YouTube Data API v3** and **Google Gemini 1.5 Flash** to fetch video metadata and generate summaries in short, medium, and detailed formats with key takeaways, chapter breakdowns and quotations.
- Built a modern, mobile-friendly UI using **React**, **Tailwind CSS**, **TypeScript**, and **Framer Motion**, featuring smooth animations, advanced options, toast notifications, and **JWT-based** authentication with user profile, bookmarks, and history.

ACHIEVEMENTS

- Completed more than **650** problems and participated over **100** contests in various coding platforms.
- Achieving a **3-star** with a peak rating of **1667*** by successfully solving over **350** problems on CodeChef, demonstrating strong algorithmic thinking and problem-solving skills.
- Tackled over **250** problems on LeetCode, enhancing problem-solving abilities and reaching a peak rating of **1713***.
- Took part in a **24-hour hackathon** focused on creating innovative solutions, actively contributing to the development of a real-time web application.