

DATLA RAKESH VARMA

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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	<i>CGPA - 8.88</i>
Vignan's Institute of Information Technology	2022 - 2026
Intermediate (MPC)	<i>Percentage - 95.3%</i>
Ascent Junior College	2020 - 2022
Class 10 (SSC)	<i>CGPA - 10</i>
Sri Chaitanya EM School	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	May 2024 - Jun 2024
MotionCut	<i>Remote</i>
<ul style="list-style-type: none">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
<i>Developed a centralized platform to showcase hackathons from regional engineering colleges, offering detailed event information.</i>	
<ul style="list-style-type: none">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
<i>Developed a full-stack expense tracking web application to manage daily finances with intuitive insights and visualizations.</i>	
<ul style="list-style-type: none">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
<i>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.</i>	
<ul style="list-style-type: none">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.	

ACHEIVEMENTS

- 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.