

Shanmukha Kumar Karra

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Summary

Passionate and self-driven aspiring **MERN stack developer** with hands-on experience in building full-stack web applications. Proficient in JavaScript, HTML, CSS, and comfortable with responsive UI design using Tailwind CSS and Bootstrap. Familiar with version control using Git and GitHub, and experienced in integrating Firebase for authentication and real-time database features. Eager to apply strong problem-solving skills and a growth mindset to contribute to innovative software solutions, explore new technologies, and collaborate effectively in a team-driven environment. Actively seeking job opportunities.

Education

B.Tech	Sri venkateswara College Of Engineering (Autonomous) , Tirupathi	2023 – 2026
	<ul style="list-style-type: none">• B.Tech in Information technology• GPA: 8.3	
Diploma	Andhra Polytechnic , Kakinada	2020 – 2023
	<ul style="list-style-type: none">• Diploma in computer science• GPA: 7.6	

Technologies

Languages: HTML, CSS, JavaScript, Python, PHP

Frameworks & Databases: ReactJS, ExpressJS, NodeJS, MongoDB, Tailwind CSS, Next.js (Beginner), Bootstrap, Monogoose, MySQL

Tools: Git & GitHub, Windows & Linux, MS 360, Figma, Canvas, Firebase, Netlify, Vercel, AI Tools, REST APIs, Postman, NPM, Vite, MongoDB Atlas & Compass

Projects

Focus-Blocker-ChromeExtension	GitHub Link
<ul style="list-style-type: none">• Developed an chrome extension using reactJS to track screen time of chrome and blocks distracting websites on users choice.• Utilized modern JavaScript practices for efficient data handling and UI updates.	
Notes App (Full Stack)	GitHub Link
<ul style="list-style-type: none">• Created a responsive full-stack notes management application to add, delete, and update notes with persistent storage.• Designed the front-end with React.js, Vite, and Tailwind CSS built the back-end using Node.js, Express.js, and MongoDB.• Implemented Mongoose for robust schema design and used Postman for comprehensive API testing.	
SMDB Movie Rating App (Full Stack)	GitHub Link Live
<ul style="list-style-type: none">• Created a responsive full-stack movie app to see movie details, Cast, Trailer, Genre, Rating and added features like login system and watchlist system.• Designed the front-end with React.js, Vite, and Tailwind CSS and TMDB API, built the back-end using Node.js, and MongoDB and Firebase for authentication .• Implemented Mongoose for robust schema design and used AI tools for website optimization.• Hosted in Vercel and used render for backend and Database.	