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

- B.Tech in Information technology
- GPA: 8.3

Diploma	**Andhra Polytechnic**, Kakinada	2020 – 2023

- Diploma in computer science
- GPA: 7.6

Technologies

Languages: HTML, CSS, JavaScript, Python, Java, PHP

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

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

Projects

Google Gemini Clone   GitHub Link ⬀

- Developed an AI chat application replicating core features of Google Gemini using the Gemini API and React.js.
- Utilized modern JavaScript practices for efficient data handling and UI updates.

Notes App (Full Stack)   GitHub Link ⬀

- 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.

Cricket Live Score Web App

- Developed a live cricket score website using React.js to display real-time match data from a public cricket API.
- Built a responsive user interface
- Focused on efficient API integration and dynamic rendering of data for an engaging user experience.