

TULLIMILLI SHANMUKA SAGAR

MERN Stack Developer

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Summary

I am a passionate MERN Stack Developer with extensive experience in building and deploying scalable web applications using MongoDB, Express.js, React.js, and Node.js. I excel in creating innovative, user-centric solutions that drive business success, while continuously updating my skills to deliver efficient and cutting-edge technology solutions.

Education

Vasireddy Venkatadri Institute of Technology

Bachelor of Technology in Computer Science | CGPA: **8.4** / 10

06/2019 - 04/2023

Bhashyam Junior College

Board of Intermediate Education | GPA: **9.82** / 10

06/2017 - 04/2019

Skills

Programming Languages: Python, Java

Front-End: HTML, CSS, JavaScript, React.js, Next.js, Material-UI, SASS, Redux.js

Back-End: Node.js, Express.js, RESTful APIs, JWT

Database Knowledge: MongoDB, MySQL

Git/GitHub, Linux, Data Structures and Algorithms, Problem Solving, Communication

Experience

Snowa Technologies Pvt.Ltd

MERN Stack Developer

07/2023 - 11/2024

Full-time position as a MERN Stack Developer.

- Designed and developed a **responsive web page** using **React.js**, **MUI**, **SASS**, and **Redux**, delivering a dynamic and interactive user interface.
- Built and integrated **RESTful APIs** with **Node.js** and **Express.js**, ensuring efficient backend functionality.
- Managed **MongoDB operations** to enable seamless data flow between the frontend and backend.
- Ensured **high code quality**, performance optimization, and **cross-browser compatibility** throughout the project.

Virtusa

Front End Developer

01/2023 - 04/2023

Intern-Delivery.

- Designed and optimized responsive user interfaces with **React.js**, ensuring seamless and engaging user experiences.
- Collaborated with cross-functional teams to deliver projects on time while addressing performance and usability challenges.
- Enhanced frontend performance by implementing efficient coding practices and developing effective React-based solutions.

Projects

Grocery Hub

11/2024 - 11/2024

Online grocery web application featuring robust user functionalities.

- Developed a dynamic **online grocery web application** featuring **login**, **signup**, dashboard, and cart functionality.
- Enabled users to browse products, add items to the cart, and process payments securely using **Stripe integration**.
- Implemented **JWT authentication** and **cookie-based sessions** for secure user access and session management.
- Utilized **Next.js**, **MongoDB**, **MUI**, **SASS**, **Redux**, and **Node.js** to deliver a responsive and feature-rich e-commerce platform.

Real-Time Chart Application

10/2024 - 10/2024

Real-time chart application enhancing collaborative user experience.

- Developed a **real-time chat application** featuring **login**, **signup**, and a chat dashboard for user interaction.
- Enabled users to engage in **one-on-one chats**, create groups, and participate in collaborative discussions seamlessly.
- Leveraged **React.js**, **MongoDB**, **Redux**, **MUI**, **SASS**, **Express.js**, **Node.js**, and **WebSocket** for real-time communication and smooth user experiences.