Shanmuka Sagar Tullimilli

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Portfolio

Summary

Full-Stack Developer with **1.9 years of experience** specializing in **scalable, user-focused** web applications. Proficient in **React.js, Node.js, and MongoDB**, with proven success in **optimizing performance** and **enhancing user engagement**. Skilled in delivering **responsive designs, API integrations**, and **cross-functional collaboration**.

Skills

Languages: Python, JavaScript

Frontend: HTML, CSS, React.js, Material-UI, SASS, Redux

Backend: Node.js, Express.js, REST APIs, JWT, MongoDB, MySQL

Tools: Git, GitHub, Webpack, Babel

Other Skills: Data Structures and Algorithms, Problem-solving

Education

Vasireddy Venkatadri Institute of Technology, B.Tech in Computer Science — June 2019 – April 2023
- CGPA: 8.34/10

Bhashyam Junior College, Intermediate — June 2017 – April 2019
- CGPA: 9.8/10

Experience

Software Engineer, Snowa Technologies Pvt. Ltd. — Jul 2023 – Nov 2024
- **Developed responsive web pages** with **React.js**, **Material-UI**, and **Redux**, boosting user engagement by **30%**.
- **Built RESTful APIs** using **Node.js** and **Express.js**, reducing data retrieval time by **25%**.
- **Optimized MongoDB queries**, cutting response time by **20%**.
- **Improved cross-browser compatibility**, reducing page load time by **15%**.

Frontend Developer Intern, Virtusa — Jan 2023 – Apr 2023
- **Designed and implemented responsive UIs** with **React.js**, enhancing performance and user experience.
- **Collaborated with backend teams** to deliver **full-stack solutions** on time.

Projects

Grocery Hub
- **Built an online grocery store** with login, dashboard, and cart features, increasing **user engagement by 25%**.
- **Integrated Stripe for secure payments and JWT authentication**, processing **500+ transactions/month**.
- **Optimized product filtering** and search functionality, improving **user experience and conversion rate by 15%**.

Real-Time Chart Application
- **Developed a chat app** with **WebSocket** for real-time communication, supporting **100+ users/room**.
- **Reduced message delivery time by 40%** using **React.js**, **Node.js**, and **MongoDB**.

Achievements

- Recognized for reducing **query response time** by 20% in a high-traffic application.
- Successfully led a team to deliver a **full-stack project** ahead of schedule.