

Saragadma Vamshi

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Summary

A highly motivated Computer Science graduate with a strong foundation in fullstack development, specializing in **React.js**, **Node.js**, and **Express.js**. Passionate about designing and building high-quality, intuitive software that enhances user experience and solves real-world workflow challenges, particularly in healthcare technology. Proven ability to integrate **AI functionality** into applications and optimize performance. Eager to contribute to a fast-paced, user-centered startup environment like Bemlo, driving impactful change through innovative solutions.

Education

Maharaj Vijayaram Gajapathi Raj College of Engineering <i>Bachelor of Technology, Computer Science</i>	Vizianagaram, India <i>Expected 2025</i>
Government Polytechnic, Anakapalli <i>Diploma in Computer Science</i>	Anakapalli, India <i>2022</i>

Skills

- Frontend Development:** React.js, HTML, CSS, JavaScript, Bootstrap
- Backend Development:** Node.js, Express.js, Java
- Databases:** MongoDB, MySQL, SQLite
- Tools & Concepts:** Git, GitHub, Linux, Data Structures & Algorithms (DSA), REST API, Authentication (JWT), Performance Optimization, User-Centered Design

Projects

- Social Media Scribe** [Project Live Link](#)
- Developed an **AI-driven post generator** to create tailored content for various social media platforms, directly aligning with the integration of AI for enhanced user experience.
 - Designed and implemented modular JavaScript and **React.js** components to handle user input, asynchronously communicate with **AI APIs**, and render dynamic content, focusing on intuitive user interactions.
 - Secured user access with robust **JWT token**-based authentication and authorization mechanisms, ensuring data integrity and user privacy.
 - Focused on transforming complex requirements into a delightful solution, emphasizing seamless navigation and a streamlined user journey.
- Course Selling App**
- Engineered a persistent course-selling application enabling efficient creation, tracking, and management of courses for users and administrators.
 - Designed a structured database schema and implemented secure login/signup functionality using **JWT tokens** for robust user authentication.
 - Utilized arrays, objects, and **optimized data structures** to ensure high performance and responsiveness, demonstrating an interest in system optimization.
 - Developed a scalable backend using **Express.js** and **MongoDB**, emphasizing clean architecture and maintainability for future enhancements.

Additional Information

- Languages:** English (Fluent), Telugu (Native)
- Interests:** Exploring frontend development (React.js), leveraging AI for practical user-centric solutions, problem-solving, and building performant applications.