BRAHMA VAMSI ARATIPAMULA

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Education

Sagi Rama Krishnam Raju Engineering College (SRKREC)   2022–2026
Bachelor of Science in Computer Science, *GPA: 8.8/10*
Bhimavaram, Andhra Pradesh
Relevant Coursework: Data Structures and Algorithms (Python)

Experience

TaskLabs   *July 2024 – Present*
Full Stack Developer

- Developed and optimized Chrome extensions, improving user efficiency and engagement by 25% through automation and data management.
- Led the dashboard design with Supabase for real-time payment tracking and data visualization, reducing administrative time by 30%.
- Implemented secure token-based authentication with Clerk and Supabase, enhancing cross-platform user security for web and extension integrations.
- Designed reusable automation templates with JSON, enabling streamlined user task automation and saving up to 15 minutes per repetitive task.
- Created a centralized data storage system integrating five different storage solutions, improving data retrieval speed by 40%.
- Integrated Stripe for real-time credit debiting, ensuring accurate billing and streamlined feature tracking.

Projects

Student Community | *React.js, MongoDB, Express.js, Node.js*
- Developed a scalable community platform using the MERN stack, increasing daily active users by 40% with secure user authentication, a RESTful API, and real-time chat features.

Personal Portfolio with Admin Panel | *React.js, TypeScript, MongoDB, Express.js, Node.js*
- Designed a dynamic portfolio site with React and TypeScript, incorporating a custom-built admin panel to manage content updates.
- Implemented a backend with MongoDB and Express to allow real-time updates, enabling changes in the admin panel to reflect instantly on the portfolio's frontend.

Projectopia | *Firebase, React.js*
- Built a project showcase platform with Firebase and React, integrating authentication, pagination, and SEO to boost visibility and manage data efficiently.

Expense Tracker | *Firebase, React.js*
- Created an expense tracking app with FirebaseAuth and React, enabling secure budget management and data visualization through user-friendly UI components.

RecipeShare | *MySQL, React.js*
- Developed a CRUD-based recipe-sharing app with MySQL and React, supporting image uploads and optimized queries for a smooth user experience.

Technical Skills

Languages: JavaScript, Python
Frontend Technologies: React.js, TypeScript, HTML, CSS
Backend Technologies: Node.js, Express.js, Supabase
Databases: MongoDB, MySQL, Firebase
Other Tools: Stripe API, Clerk Authentication, Chrome API, Git

Professional Summary

Full Stack Developer with experience in Chrome extension development, backend API integration, and secure user authentication. Proficient in React, Node.js, MongoDB, and payment system integrations with Stripe. Proven track record in increasing user engagement and optimizing performance for scalable applications.