

BRAHMA VAMSI ARATIPAMULA

Adm. No. 22B91A0517 📞 9985347761

✉ brahmavamsi1234@gmail.com [in linkedin.com/in/brahmavamsi-aratipamula-42251626b](https://www.linkedin.com/in/brahmavamsi-aratipamula-42251626b) github.com/firstlast

Education

Sagi Rama Krishnam Raju Engineering College (SRKREC)
Bachelor of Science in Computer Science (GPA: 8.8 / 10)

- **Relevant Coursework:** Data Structures and Algorithms (Python)

2022-2026
Bhimavaram, Andhra Pradesh

Experience

Independent Projects
Full Stack Developer

Jan 2022 – Present
Bhimavaram, Andhra Pradesh

- Developed and led the creation of various full stack applications using the MERN stack (MongoDB, Express.js, React.js, Node.js), showcasing strong technical and project management skills.
- Designed and deployed scalable RESTful APIs, improving data retrieval speed by 30%.
- Integrated real-time chat functionality using WebSocket and Socket.io, enhancing user engagement and reducing response time by 20%.
- Developed a project showcase platform with Firebase authentication and SEO optimization, increasing platform visibility and user engagement.
- Created an expense tracking application with Firebase and React.js, providing users with intuitive UI components for managing expenses and income.
- Built a CRUD application for sharing recipes with MySQL and React.js, utilizing Multer for image storage and optimizing database queries for better performance.

Projects

Student Community | *React.js, MongoDB, Express.js, Node.js*

- Led the development of a comprehensive community platform using the MERN stack, resulting in a 40% increase in daily active users within the first quarter.
- Implemented user authentication and authorization using JWT and bcrypt, ensuring secure access and data protection.
- Designed and deployed a scalable RESTful API, enhancing data retrieval speed by 30% and ensuring efficient backend operations.
- Integrated real-time chat functionality using WebSocket and Socket.io, significantly improving user engagement and reducing response time by 20%.
- Enabled users to create and share posts, fostering community interaction and content generation.

Projectopia | *Firebase, React.js*

- Developed a project showcase platform using Firebase and React.js, allowing users to authenticate via FirebaseAuth and display their projects publicly.
- Implemented pagination to enhance user experience and manage data efficiently.
- Integrated SEO features to improve the platform's visibility on search engines, driving increased user traffic.

Expense Tracker | *Firebase, React.js*

- Created a comprehensive expense tracking application using Firebase and React.js, enabling users to authenticate via FirebaseAuth and securely manage their expenses and income.
- Developed intuitive UI components for tracking and categorizing expenses, enhancing user interaction and data visualization.

RecipeShare | *MySQL, React.js*

- Built a CRUD application for sharing recipes using MySQL and React.js, enabling users to create, read, update, and delete recipe entries.
- Implemented image storage with Multer, allowing users to upload and display images of their recipes, enhancing visual appeal and user engagement.
- Optimized database queries to improve application performance and ensure a smooth user experience.

Technical Skills

Languages: JavaScript, Python

Technologies: React.js, Express.js, Mongodb, Mysql, Node.js, Firebase