

Garapati Siva Rama Krishna

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TECHNICAL SKILLS

Programming Languages: Python, JavaScript

Full-Stack: Node.js, Express.js, REST APIs, Web Sockets, HTML, CSS, React.js, Material UI, TailWind CSS, MySQL, MongoDB, OpenAI API, Socket.io

Additional Skills: Git, GitHub, Problem Solving

EXPERIENCE

Full Stack Lab Assistant

Mar 2025 – Present

Vector India

Hyderabad, India

- Assisted in developing and debugging full-stack web applications using React.js, Node.js, Express.js, and MongoDB, ensuring scalable architecture and optimal performance.
- Mentored students in implementing RESTful APIs, authentication mechanisms and collaborative version control workflows using Git and GitHub for end-to-end project development.

PROJECTS

PeFlow | [live demo](#) | *React.js, Express.js, Recharts/MUI Charts, pdf-parse library.*

Aug 2025

- Developed PeFlow a web application to extract and analyze transaction data from PhonePe PDF statements to provide clear, actionable financial insights.
- Visualized insights with charts, including total credited/debited amounts, monthly spending, net flow and contact-wise summaries - using ReCharts and MUI
- Implemented end-to-end functionality: backend (Express.js) with pdf-parse and custom parsing/aggregation (categorization, net balance, name/date/month grouping, analytics APIs), and frontend (React, Tailwind CSS) delivering responsive dashboards, client-side UX logic.
- Deployed the frontend on Vercel and the backend on Render; planned enhancements include Excel/CSV export, regional-language parsing, and user accounts.

ChatBoX | [live demo](#) | *React.js, Node.js, Express.js, MongoDB, Socket.io, Tailwind CSS.*

Sep 2025

- Implemented a real-time chat application enabling users to register, log in, and exchange messages instantly with persistent conversation history.
- Integrated WebSockets (Socket.io) for low-latency message delivery and implemented server-side logic to persist chat history and reliably store/retrieve messages in MongoDB.
- Designed a clean, responsive UI optimized for desktop and mobile devices using Tailwind CSS to ensure consistent user experience.
- Future Enhancements include adding Temporary chat, file sharing, message search, and online/offline status.

Task Management Application | *React.js, Node.js, Express.js, MongoDB.*

Mar 2025

- Designed and built a task management app allowing users to add, edit, delete, and mark tasks as complete.
- Implemented user authentication with JWT, storing tasks securely in a MongoDB database.
- Future enhancements include Adding a dashboard to display task statistics and analytics.

EDUCATION

Kakinada Institute Of Engineering & Technology

Korangi, Andhra Pradesh

Bachelor of Technology in Computer Science and Engineering (CGPA 6.88)

Jun 2020 – May 2024

ACHIEVEMENTS

- Solved 100+ problems on [LeetCode](#) and GeeksforGeeks.
- Achieved a 5-star rating in Python and Problem Solving on [HackerRank](#).

CERTIFICATES

- MERN Stack Development – Vector India [June 2024 - February 2025].