

# YALLA MANOHAR

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Bhimavaram, AndhraPradesh

## OBJECTIVE

Seeking a challenging Frontend Developer role to leverage my expertise in React.js and modern UI frameworks. Aiming to contribute to innovative projects at the intersection of performance optimization, state management, and user-centric design.

## EXPERIENCE

- **BLACK BUCKS [IITD]** May 2024 - July 2024  
*Full Stack Development Intern (Remote)* Tirupati, India
  - Developed a dynamic YouTube video downloader achieving faster processing speeds in video retrieval and conversion.
  - Implemented React.js and optimized API calls, enhancing frontend performance by 30%.
  - Conducted analysis on user engagement data, identifying key interaction patterns for UI improvement.
  - Presented findings at internship review sessions, receiving positive feedback on optimization strategies.
- **ASCENT GLOBAL** Sep 2023 - Oct 2023  
*Embedded Intern* Bhimavaram, India
  - Engineered a DC motor speed control system, improving precision and efficiency by 20%.
  - Developed microcontroller-based control logic, increasing response accuracy by 25%.
  - Implemented real-time performance adjustments, reducing motor instability by 15%.
  - Conducted testing and analysis on motor speed variations to validate control algorithm accuracy.

## EDUCATION

- **SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE** Nov 2021 - May 2025  
*Electrical And Electronics Engineering* Bhimavaram, India
  - GPA: 7.0

## PROJECTS

- **Billing Site: MERN Stack Billing System**  
*Tools: React.js, Node.js, Express.js, MongoDB*
  - Developed a billing site using the MERN stack to streamline invoicing and transaction management.
  - Implemented RESTful APIs for seamless data flow and enhanced user experience.
  - Created an interactive UI with React.js, ensuring a smooth and responsive design.
  - Integrated a secure authentication system for user access management.
- **Travel Explore Platform** Ongoing  
*Tools: React.js, Mongo-DB, Material-UI*
  - Created a social platform for users to share travel experiences with images and reviews.
  - Implemented dynamic search, user authentication, and cloud storage for media.
  - Designed a modern, user-friendly UI to enhance engagement.
  - Developed a favorite feature allowing users to save and revisit experiences.
- **Weather App: Real-Time Forecasting**  
*Tools: React.js, API Integration*
  - Developed a weather application that provides real-time updates and forecasts.
  - Optimized UI performance and implemented SEO best practices.
  - Integrated third-party weather APIs for accurate data retrieval.
  - Designed a mobile-friendly interface for enhanced user experience.
- **To-Do List: Task Management App**  
*Tools: React.js, CSS, Html*
  - Built an interactive task management tool with priority-based categorization.
  - Enhanced UI using Tailwind CSS and improved state management with Zustand.
  - Developed reminder notifications for efficient task tracking.
  - Implemented CRUD functionality for seamless task updates.

## SKILLS

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- **Programming Languages:** JavaScript, React.js, Python, HTML, CSS
- **Web Technologies:** React.js, Express.js, Node.js, CSS, Redux
- **Database Systems:** MongoDB,
- **Cloud Technologies:** Vercel, Netlify
- **Version Control:** Git, GitHub, Vite
- **UI/UX Design:** Figma, Material UI
- **Other Tools & Technologies:** VS Code, RESTful APIs,

## VOLUNTEER EXPERIENCE

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- **AEE Member** *Dec 2021 - May 2023*  
*S.R.K.R Engineering College*
  - Organized technical events and workshops to promote student engagement.
  - Facilitated discussions and hands-on sessions on emerging technologies.
  - Developed leadership and teamwork skills through event management.

## CERTIFICATIONS

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- **MERN Stack Development Certification** *Udemy*
- **Frontend Technologies Certification** *Great learning*
- **Responsive Web Design Certification** *FreeCodeCamp*
- **Python Programming Certification** *Openweaver*