Gunavardhan Potharlanka

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EDUCATION

- *Bachelor of Technology, Computer Science and Engineering in Aditya Engineering College, Surampalem*   *2021-25*
- *Intermediate, MPC in Narayana Junior College, Rajahmundry*   *2019-21*

CERTIFICATIONS

- *IT Specialist – HTMLCSS, JavaScript, Java, Python from Certiport*

PROJECTS

Fitness Tracking System (GITHUB)   May 2024
Description & Activity

- *Workouts Tracked: Detailed tracking of sets, reps, weight, and duration for each workout.*
- Calorie Burn Tracking: Weekly grouping and sorting of data for effective calorie burn monitoring.
- Visualization Tools: Monthly and weekly charts, including bar charts and pie charts, to display fitness metrics.
- State Management: Efficient data aggregation and management using Redux.
- User Authentication: Secure login and sign-up functionalities with JWT token-based authentication.
- Solo Project: Completed the entire fitness tracker website project independently.
- Comprehensive Development: Handled both frontend and backend development using React JS and the MERN stack.
- Full Control: Managed all aspects of the project, from setting up the server and client to deploying and testing the final product.

Technologies Used
- *ReactJS with Vite for Frontend and NodeJS, ExpressJS for Backend and MongoDB for Database management*

Bus Management (GITHUB)   March 2024
Description & Activity

- *Spearheads the integration of barcode scanning for student ID cards, streamlining the process for over 500 daily scans, and reducing wait times by 40%.*
- *Manages a database of 500+ students, adding, modifying, and removing their transportation information.*
- *Ensures a high compliance rate of 95% through daily monitoring of 500+ student boardings.*
- *Generates accurate (95%) daily and cumulative reports.*
- *Collaborated with a team of 6 and coordinated with them successfully developing the project*
- *Discussed and identified the technical requirements of both the App and Admin interface during the development stage*
- *Developed the Admin Interface Frontend as the Frontend developer*
- *Identified and solved some issues in the backend business logics as a Backend Support Developer*

Technologies Used
- *React Native Application for the App, ReactJS with Vite for Frontend, NodeJS and ExpressJS for Backend and MongoDB for Database management*

SKILLS

- *Programming languages: C, C++, JavaScript, Java, Python, SQL*
- *Computer software/ frameworks: ReactJS, MongoDB, Github, VSCode*

ACHIEVEMENTS

- *Secured 3rd prize in ORACLE Project Space for Project BUS Management Application conducted by Technical Hub*
- *Successfully solved over 200 problems on LeetCode*

- *Earned 5-star badges in C++, Java, Python, Problem solving in HackerRank*