RAMAGIRI RANESH

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Career Objective

I am seeking a competitive and challenging environment where I can serve your organization and establish a career for myself.

Education

CMR Engineering College, Hyderabad, Telangana **Nov'21 - Present**

- *B.Tech (Information Technology)* | CGPA: **7.89**

Sri Chaitanya Junior College, Hyderabad, Telangana **Jun'19 - Mar'21**

- *Intermediate* | Percentage: **80%**

Amaravathi Talent school, Hyderabad, Telangana **Mar'18 - Mar'19**

- *SSC* | Percentage: **88%**

Technical Skills

Programming Languages - C | Java | Python | PHP

Web Technologies - HTML | CSS | Javascript | Bootstrap | Express

Developer Tools - Git | GitHub | Figma

Database Systems - SQL | MongoDB

Projects

Cmr Bus Navigation System **Apr'23**

Modernized and enhanced CMR Bus Navigation System with new user-friendly features, including live bus tracking resulted in a 20% increase in on-time arrivals and a 30% reduction in transportation-related complaints

- Engineered and deployed a student-centric interface featuring real-time bus route tracking and schedule updates, resulting in a 40% reduction in missed buses and a 25% increase in on-time arrivals.
- Achieved 20% reduction in bus transit times, enhancing campus transportation efficiency.
- **Technologies used:** GPS tracking, route optimization algorithms, Figma, database management and web development (HTML/CSS/JavaScript).

Traditional Irrigation System **Dec'22**

Optimized plant communication by implementing a centralized system monitoring pressure, moisture, and water supply levels through a single pipeline; achieved a 15% reduction in water usage, driving sustainability efforts..

- Implemented technology to optimize water usage in agriculture, resulting in a 20% increase in crop yield.
- Enhanced irrigation efficiency through a single pipeline system, reducing energy consumption by 25%.
- **Technologies used:** Sensor technology, IoT (Internet of Things), data analytics, automation.

Academic Achievements

- **Achieved 3rd Prize in Open House 2023 by presenting an innovative Traditional Irrigation System at VNR VJIET.**
- **Achieved 1st Prize in IOT Project Expo 2022 organized by the Department of Information Technology, CMR**

Certifications

- NDLI - Library Marketing
- IBM - Micro Internship on Data Science