

# 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

<b>CMR Engineering College, Hyderabad, Telangana</b> <ul style="list-style-type: none"><li>B.Tech ( Information Technology)   CGPA: <b>7.89</b></li></ul>	<b>Nov'21 - Present</b>
<b>Sri Chaitanya Junior College, Hyderabad, Telangana</b> <ul style="list-style-type: none"><li>Intermediate   Percentage: <b>80%</b></li></ul>	<b>Jun'19 - Mar'21</b>
<b>Amaravathi Talent school, Hyderabad, Telangana</b> <ul style="list-style-type: none"><li>SSC   Percentage: <b>88%</b></li></ul>	<b>Mar'18 - Mar'19</b>

## 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

<b>Cmr Bus Navigation System</b> <i>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</i> <ul style="list-style-type: none"><li>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.</li><li>Achieved 20% reduction in bus transit times, enhancing campus transportation efficiency.</li><li><b>Technologies used:</b> GPS tracking, route optimization algorithms, Figma, database management and web development (HTML/CSS/JavaScript).</li></ul>	<b>Apr'23</b>
<b>Traditional Irrigation System</b> <i>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..</i> <ul style="list-style-type: none"><li>Implemented technology to optimize water usage in agriculture, resulting in a 20% increase in crop yield.</li><li>Enhanced irrigation efficiency through a single pipeline system, reducing energy consumption by 25%.</li><li><b>Technologies used:</b> Sensor technology, IoT (Internet of Things), data analytics, automation.</li></ul>	<b>Dec'22</b>

## 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