

# MANCHALA GAYATHRI

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## CAREER OBJECTIVE:

Dedicated IT graduate with a passion for solving complex problems through technology. Seeking an entry-level position to apply my technical skills, accelerate personal growth through a committed approach, while contributing to the values and mission of the organization.

## EDUCATIONAL QUALIFICATION:

Degree	Institute	University	Percentage	Year
<b>B. TECH (ECE)</b>	Chadalawada Ramanamma Engineering College	Jawaharlal Nehru Technological University Anantapur	7.58	2023
<b>Intermediate</b>	Sri Chaitanya Junior College	Board of Intermediate Education	8.38	2019
<b>SSC</b>	Sri Krishna Devaraya High School	Board of Secondary Education	7.7	2017

## TECHNICAL SKILLS SET:

- **JAVA** : Class, Methods, Objects, Date types, Typecasting, Constructor, Constructor chaining  
Method overriding, Method overloading and Method hiding, Strings, Arrays, Collections, JDBC, Hibernate.
- **OOPS** : Inheritance, Encapsulation, Polymorphism, Abstraction, Interface
- **SQL** : Data Types, Operators Sublanguages of SQL (DML, DQL, DDL, DCL, TCL), Aliasing, Constrains, Functions, Sub queries, Joins
- **HTML**: Semantic Tags, Forms, Tables, Lists, General Tags.
- **CSS** : Selectors, Flex, Grid, Position, and Transition.
- **JAVA SCRIPT**: Variables, Data types, Operators, Functions, Array, Objects, Type Conversion.

## PERSONAL TRAITS:

- Good Communication skills.
- Problem solving skills.
- Logical Thinking
- Adaptive in any Environment.

## CERTIFICATIONS:

- NPTEL ELITE Certifications

## PROJECT DETAILS:

### ➤ Main Project

- **Project Name** : IOT Based on the Fly Visual Defect Detection on Railway Tracks
- **Description:**

In This Project, Robot will go on Railway track and Ultrasonic Sensor is used for Detecting the defect in Track. If any Defect is detected it will send the location to mobile using Global System for Mobile Communication system (GSM). It will track the location using Global Positioning

System(GPS).The system provides ultrasonic sensor for defect detection and Robot localization range of 3-6 inches.

### **PERSONAL DETAILS:**

Father's Name : M.Subramanyam  
Mother's Name : M. Ranamma  
Date of Birth : 08/08/2002.  
Language : English,Telugu  
Gender : Female.  
Nationality : Indian.  
Address : 7/27/B, Chavanavari Palli (V), Anamaya (Dist.), A.P – 516126.  
Hobbies : Listening Music, Watching Movies.

### **DECLARATION**

I here by declare that the details above are correct and true to the best of my knowledge.

**Place:**

**Signature**

**Date:**

**(M. Gayathri.)**