

# Uma Maheswara Rao Gunji

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## EDUCATION

### SRI VASAVI ENGINEERING COLLEGE

B.TECH IN COMPUTER SCIENCE  
CGPA:8.09  
2021-2025

### CHAITANYA BHARATHI JUNIOR COLLEGE

MATHS,PHYSICS,CHEMISTRY  
PERCENTAGE:83.3  
2021

A P R S (BOYS),  
APPALARAJUGUDEM,  
WEST GODAVARI-II  
CGPA:8.7  
2019

## LINKS

Github:// **Uma618**  
LinkedIn:// **Uma618**  
HackerRank:// **uma618**  
GFG:// **umamaheswararao**

## COURSEWORK

### UNDERGRADUTE

- Data Structures & Algorithms
- Design and Analysis of Algorithms
- Object Oriented Programming
- Database Management System

## SKILLS

### PROGRAMMING :

• Cpp • Java • Python

### TECHNOLOGIES :

• CSS • HTML • JS  
• SPRING BOOT • HIBERNATE  
• MONGO DB

### TOOLS :

• Git • SQL

## ACHIEVEMENTS & CERTIFICATIONS

- Certificate for completing Hacker Rank (Basic Programming)
- Certified Oracle Associate certification valid until September 2025.
- Completed a 2-month Full Stack Java internship at SkillDzire, organized in collaboration with Andhra Pradesh State Council of Higher Education, as part of Sri Vasavi Engineering College, JNTUK, Kakinada

## PROJECTS

### SHARED WHEELS HTML,CSS,JS

Mar 2023

- In the realm of modern transportation, the concept of ride-sharing has garnered considerable attention as a solution to challenges such as traffic congestion, cost burden, and environmental concerns.
- In today's fast-paced world, transportation plays a crucial role in our daily lives. Traditional commuting methods often lead to increased traffic congestion, longer waiting times, higher costs, and a negative impact on the environment. To address these challenges, innovative solutions such as ride-sharing platforms have emerged. One such platform is "Shared Wheels," a dynamic and eco-friendly service that connects individuals with similar destinations, providing an efficient, cost-effective, and environmentally conscious mode of transportation.
- Shared Wheels emerges as a innovative platform that addresses these issues by allowing users to share rides with individuals heading towards the same destination or en-route.
- This project emphasizing its ability to minimize waiting times, cut costs, promote environmental sustainability, and utilize real-time location tracking for effective ridesharing.

### DYNAMIC MCQ SYSTEM |THYM LEAF,SPRING BOOT,MYSQL

Aug 2023

- Developed a dynamic MCQ system for personalized quizzes with varying difficulty levels.
- User authentication and secure login
- Algorithm for random question selection based on user proficiency
- Adaptive difficulty levels using performance tracking
- Admin dashboard for question management
- Optimized database queries for performance
- Implemented security measures to prevent cheating
- Real-time feedback with detailed explanations
- Scalable architecture to handle multiple concurrent users

## ACTIVITIES

- Conducted a community service by surveying 500 local households to assess awareness of Sewage Management.