

# Vinaykumar Cheera

B.Tech - Computer Science Engineering  
Balaji institute of technology and science, Narsampet

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[LeetCode Profile](#)  
[Hackerrank Profile](#)  
[LinkedIn Profile](#)  
[Github Profile](#)

## SUMMARY

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- **Highly motivated B.Tech student in Computer science and engineering with a strong problem-solving aptitude. Experienced in developing algorithms and eager to embrace new technologies. Passionate learner with diverse interests, seeking opportunities to excel and contribute to the field of computer science.**

## EDUCATION

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### •Balaji Institute of Technology and Science, Narsampet

*B.Tech. - Computer Science and Engineering*

### •Sri Chaitanya Junior College, Hyderabad

*Board of Intermediate Education, State*

### •Daffodils High School, Warangal

*Board of Secondary Education, State*

## PERSONAL PROJECTS

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- **Optimize e-commerce Last mile delivery:**
  - Built a dynamic web application to streamline last-mile delivery operations by implementing the Vehicle Routing Problem (VRP) using Google OR-Tools. The backend, developed with Flask, efficiently handled distance matrices, vehicle capacities, and demand constraints to generate optimized delivery routes. The user-friendly frontend enabled seamless data entry and displayed results, including route visualizations, delivery times, and total distances. The project focused on improving logistics efficiency, reducing operational costs, and delivering practical solutions for real-world delivery challenges.

## ACHIEVEMENTS

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- Participated in Flipkart Grid online competition

## ASSESSMENTS / CERTIFICATIONS

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- Advanced Data Analytics under the Next Gen Employability Program
  - Advance Python

## TECHNICAL SKILLS AND INTERESTS

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- Languages: Python, C Language, Java Programming, MySQL, HTML & CSS
  - Other Skills: Data Structures, Web Development, Object-Oriented Programming (OOP)

## PERSONAL SKILLS

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- Problem Solving
  - Creativity
  - Adaptability
  - Critical and Analytical Thinking
  - Communication