# BHAVYA SREE BANDAPALLI

**Computer science student**

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## EXPERIENCE

### Team Lead
**Smart India Hackathon**
📅 09/2024 - 01/1970   📍 Hyderabad, Telangana

A hackathon focused on developing innovative AI solutions
- Led AI traffic management system development, optimizing signal timings and reducing simulated delays by 15% using Dijkstra's algorithm
- Developed a mobile app prototype for real-time updates

### Participant
**Smart Interviews and DSA Fundamentals**
📅 08/2024 - 09/2024   📍 Hyderabad, Telangana

An intensive program focused on data structures and algorithms
- Mastered DSA concepts, including Dynamic Programming and graph algorithms
- Improved problem-solving abilities through intensive coding practice

### Participant
**ML & Applications Workshop**
📅 08/2024 - 08/2024   📍 Hyderabad, Telangana

Workshop covering various applications of machine learning
- Gained foundational knowledge in machine learning applications

## EDUCATION

### B.Tech in Computer Science(4th semester)
**G. Narayanamma Institute of Technology and Science-8.24CGPA**
📅 09/2023 - 05/2027   📍 Hyderabad

### Intermediate (MPC)
**Narayana Junior College-90.4%**
📅 06/2021 - 05/2023   📍 Hyderabad

### High School
**Velocity High School-10CGPA**
📅 05/2020 - 05/2021   📍 Hyderabad

## SUMMARY

I am a highly motivated second-year B.Tech Computer Science student with a strong foundation in Data Structures, Algorithms, and software development. Proficient in Python, Java, and C++, I have proven problem-solving skills showcased through participation in hackathons and competitive programming. I am eager to apply my technical skills in innovative software engineering projects

## KEY ACHIEVEMENTS

✨ **AI Traffic Management System Development**
Leading the development of an AI traffic management system that significantly improved efficiency

## SKILLS

C/C++   Deep Learning   Docker

Eclipse   GitHub   Java

Java Spring   NLP   Numpy   Pandas

Python   SpringBoot   Ubuntu

Gmail

## PROJECTS

### Smart Traffic Management System
📅 09/2024 - 01/1970   📍 Hyderabad

A project focused on improving traffic management using AI technologies
- Developed a traffic prediction system using Python, Java, and C++. Optimized signal timings and simulated efficiency
- Created a prototype app for real-time updates

### AI-Powered E-Mail Summarizer & Priority Sorter
📅 08/2024 - 01/1970

An innovative system to manage emails efficiently by automatically summarizing and prioritizing messages
- Designed to enhance email management efficiency through automation and categorization
- Utilized NLP, machine learning, and deep learning techniques to analyze and summarize emails