

# Chebrolu Bhavyasree

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## Summary

As a passionate and driven Computer Science Engineering student, I excel in programming, problem-solving, and software development. With a solid foundation in Java, Python, and C, I have hands-on experience in web development, data structures, and algorithms. I thrive in collaborative environments and have successfully built projects like a Community Health Awareness website. My goal is to leverage my technical expertise and innovative mindset to develop cutting-edge solutions in the tech industry. Eager to learn, adapt, and grow, I am committed to making a meaningful impact as a future software professional.

## Education

Mohan Babu University | Tirupati, India

Computer Science and Engineering | 05/2026

Currently, Pursuing Bachelor's of Technology at Mohan Babu University. CGPA:10

->School(SSC:2019-2020):Vowel Techlan School;Score:575/600

->Intermediate(BIE-AP:2020-2022)Vowel Junior College;Score:980/1000

## Experience

University-level(MBU,Tirupati)

Project Coordinator(College Project)

Role: Project Coordinator(College level) & Full-Stack Developer

- Led the development of a **full-stack web platform** to educate communities about minor diseases and provide access to reliable medical information.
- Designed and implemented **key features: Symptom Checker** for preliminary health assessments.  
**Comprehensive Medical Database** with verified medicine information.  
Blog and  
**Community Forum** for peer support and knowledge sharing.
- Collaborated with healthcare professionals to ensure **medical content accuracy**.
- Developed the **frontend using HTML, CSS, and JavaScript**, deploying the platform on a **cloud-based infrastructure** for scalability.
- Aimed to enhance **health literacy, reduce healthcare costs, and empower underserved communities** with a reliable health resource.

□ GitHub:<https://github.com/Bhavyaprem777/Hospital-Management>

## Skills

Soft Skills: Time Management, Communication Skills, Leadership, Languages: Java | HTML | CSS | SQL | MongoDB | Python

## Languages

English

## Certificates

Java Full Stack Development Certification, Python Cisco Certification, Cyber Security Cisco Certification

## Research Papers

- "**Hamessing the Power of Words: An Exploration of Sentiment Analysis Using Natural Language Processing**"  
*Presented at NCABCD-2024, Mohan Babu University, Tirupati.* Focuses on **sentiment analysis using NLP** techniques.

Explores applications in **artificial intelligence and data communication systems**.

- **"Intelligent Spectrum Sensing and Allocation Using Deep Reinforcement Learning"** (*Research in Progress*) Abstract completed; research focuses on **AI-driven spectrum management**.  
Aims to enhance **dynamic spectrum allocation** using **deep learning models**.