KANCHARLA THEJOMAYI

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Location: India

CAREER OBJECTIVE

Motivated Computer Science Engineering undergraduate (2026 graduate) seeking an opportunity to apply strong programming, problem-solving, and analytical skills while gaining practical industry exposure in a technology-driven organization.

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science and Engineering
Ravindra College of Engineering for Women (2022 – 2026) - 80%
Intermediate (12th) – Nucleus Junior College - 81%
Secondary School (10th) – Sri Raghavendra Vidhya Mandhir - 98%

TECHNICAL SKILLS

Programming Languages: Java, C, Python
Core Concepts: Data Structures and Algorithms, Object-Oriented Programming, SDLC
Data and Analytics: Data preprocessing, analytical problem solving, KPI understanding, dashboard concepts
Cloud Computing , My SQL
Tools: MS Excel, MS Word, MS PowerPoint, Git
Domains: Autonomous Systems, Machine Learning, Computer Vision

PROJECT

Autonomous Rover – Technology and Systems Developer
- Analyzed functional and technical requirements to design an autonomous rover solution.
- Developed end-to-end control logic integrating sensor data processing and decision-making algorithms.
- Implemented obstacle detection and path planning algorithms for real-time responsiveness.
- Conducted iterative testing, validation, and documentation of system workflows.
- Collaborated with cross-functional team members across hardware and software modules.

Driver Drowsiness Detection Alert System – Developer
- Designed and developed a CNN model for driver drowsiness detection using facial analysis.
- Performed data preprocessing, feature extraction, and model evaluation.
- Implemented a real-time alert mechanism to enhance road safety.
- Documented model behavior, limitations, and improvement opportunities.

CERTIFICATIONS

- Full Stack Development
- Python Basics for Data Science
- Data Structures and Algorithms

- IBM Cloud Usage Workshop

SOFT SKILLS
Problem Solving
Analytical Thinking
Client-Centric Approach
Team Collaboration
Communication Skills
Adaptability
Ownership

DECLARATION
I hereby declare that the information provided above is true and accurate to the best of my knowledge.

K. Thejomayi