TULASI
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CAREER OBJECTIVE

Detail-oriented and highly motivated B.Tech Computer Science student (2026 batch) with a strong foundation in Data Structures, Algorithms, Object-Oriented Programming, and Databases. Proficient in **Python** with hands-on experience in writing clean, efficient, and scalable code. Seeking an entry-level **Software Engineer** role to contribute to high-quality software solutions while continuously learning and growing in a dynamic development environment.

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science and Engineering
Kakinada Institute of Engineering and Technology for Women, Kakinada
2022 – 2026
CGPA: 7.56 / 10

TECHNICAL SKILLS

Programming Languages

- Python
- Java(basic)

Core Computer Science Fundamentals

- Data Structures and Algorithms
- Object-Oriented Programming (OOP)
- Object-Oriented Design (OOD)
- Database Management Systems (DBMS)
- Operating Systems
- Computer Networks

Software Development & Tools

- Linux / UNIX environment
- Git & GitHub (version control)
- MySQL
- VS Code, IntelliJ IDEA
- Debugging, Code Optimization, Unit Testing (basic)

PROJECTS

SmartHire – Resume Analyzer & Job Matcher | Python

- Built a Python-based application to parse resumes and extract skills using text processing techniques.
- Implemented logic to match candidate profiles with job requirements and generate relevance scores.
- Designed modular and reusable Python code with clear separation of concerns.
- Improved accuracy through data preprocessing and keyword normalization.

Data Structures & Algorithms Practice Platform | Python

- Implemented core data structures including arrays, stacks, queues, trees, and graphs using Python.
- Solved 100+ problems involving searching, sorting, recursion, greedy algorithms, and dynamic programming.
- Optimized solutions based on time and space complexity analysis.
- Strengthened problem-solving and logical thinking abilities.

Student Management System | Python, MySQL

- Developed a CRUD-based application using Python and MySQL to manage student records.
- Applied object-oriented design principles to ensure maintainable and scalable code.
- Implemented input validation and exception handling to improve reliability.
- Designed clean, readable code following industry best practices.

INTERNSHIP / TRAINING (if applicable)

Software Engineering Intern (Python) — Virtual / Academic

Duration: 01/2025 – 03/2025

- Gained hands-on experience in Python programming and object-oriented concepts.
- Worked on implementing data structures and solving real-world programming problems.
- Practiced writing clean, readable, and maintainable code.
- Strengthened debugging, logical thinking, and problem-solving skills.

PROBLEM-SOLVING & CODING PROFILE

- Strong foundation in algorithms and data structures.
- Regular practice on platforms such as HackerRank.
- Ability to translate problem statements into efficient algorithms.
- Experience in writing optimized, maintainable, and scalable code.

SOFT SKILLS

- Excellent analytical and problem-solving skills
- Strong written and verbal communication
- Quick learner with adaptability to new technologies
- Team-oriented with ownership mindset
- Ability to work effectively in fast-paced environments

DECLARATION

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

Place: Kakinada

Date: 28 December 2025

Signature: Tulasi