NIKITHA PUTTI

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Summary

Motivated and detail-oriented Computer Science student with strong command of C++, Python, and Data Structures and Algorithms. Skilled in front-end web development (HTML, CSS, JavaScript, React) and SQL. Seeking an internship opportunity to contribute to impactful software projects and grow in a collaborative environment.

Research Experience

Undergraduate Research Assistant   **Jun – Jul 2025**
SRM University, Amaravati

- Developed *StudyMate*, a web-based task management application to help students organize tasks, track deadlines, and improve time management.

Projects

Insight Stream — Web Application   **Nov – Dec 2025**

- Built a full-stack web application to display news articles in an organized manner.
- Implemented search and category-based filtering for easy content discovery.
- Designed a simple and user-friendly interface for smooth navigation.

Driver Drowsiness Detection — Machine Learning   **Oct – Nov 2025**

- Developed a machine learning system to detect driver drowsiness using eye movement analysis.
- Used real-time webcam input to monitor eye closure and blink patterns.
- Triggered alerts upon detecting drowsiness to help prevent road accidents.

Online Grocery System — DBMS, SQL   **Mar – Apr 2025**

- Designed and developed an Online Grocery System using DBMS concepts.
- Created normalized relational tables with primary and foreign keys to maintain data integrity.
- Implemented SQL queries for product search, order processing, and billing.

Smart Voice Assistant — Python, Speech Recognition   **Mar – Apr 2025**

- Built a Python-based voice assistant integrating speech recognition and text-to-speech.
- Supports time queries, Wikipedia search, web browsing, and system control.

Smart Parking System — C++   **Oct – Nov 2024**

- Developed a console-based parking management system using C++.
- Implemented dynamic parking slot allocation and usage record maintenance.

Education

SRM-AP University   **2023 – Present**
Bachelor of Technology in Computer Science and Engineering — CGPA: **8.43**

Bhashyam Junior College   **2021 – 2023**
Intermediate (MPC) — Percentage: 95.5%

Allen (E.M) Group of Schools, Gorantla   **2020 – 2021**
SSC (10th) — Percentage: 100%

Technical Skills

Languages: C++, Python, Java
Core Areas: Data Structures and Algorithms, DBMS, Operating Systems, Computer Networks
Web Technologies: HTML, CSS, JavaScript, React
Tools: Git, MySQL
Soft Skills: Active Listening, Critical Thinking, Quick Learner

Achievements

- Solved 130+ problems on LeetCode.
- Awarded **50 Days Badge (2025)** for solving problems consistently for 50+ days.

Certifications

- Participation Certificate in **Adobe India Hackathon** — View Certificate