DEVISETTY KAVYA

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Objective

Aspiring Software Development Engineer with a strong foundation in Python, Java, JavaScript, and Data Structures Algorithms. Passionate about solving real-world problems through efficient coding, software development, and AI-driven solutions. Seeking an opportunity to contribute to innovative projects in a dynamic environment.

Education

Swarna Bharati Institute of Science and Technology, B.Tech in Computer Science	2021 – 2025
Sri Chaitanya Jr College, Intermediate	2019 – 2021
Vivaan The School, High School	2019

Technical Skills

Programming Languages: Python, C, SQL

Web Development: HTML, CSS

Data Structures & Algorithms: Strong problem-solving skills

Certifications: Python (Kaggle & LinkedIn), Data Analytics & Visualization (Accenture North America)

Internship

AICTE Internship on AI, TechSaksham, Edunet, Microsoft Initiative — Dec 2024 - Jan 2025

- Developed a project titled "Identifying Shopping Trends using Data Analysis".
- Applied data analytics to derive meaningful insights.

Projects

Automated Mental Health Identification System

- Designed and developed a web-based tool to assess students' mental health using the DASS-21 framework.
- Implemented an AI model to predict stress, anxiety, and depression levels based on survey responses.
- Worked collaboratively in a team to complete the project within a defined timeline.

Text and Image Plagiarism Detection

- Developed and built an advanced plagiarism detection tool that analyzes both text and images.
- Achieved 100% detection rate for exact matches and reached 81% accuracy in detecting modified content.

AI-Powered Resume Screener

- Developed an AI-powered resume screening system using Flask, NLP (spaCy, NLTK), and Matplotlib for ATS scoring and job match analysis.
- Implemented efficient algorithms with Trie, HashMap, and Priority Queue for fast keyword matching and ranked insights.

Achievements

- HackerRank Gold-level badge in problem-solving.
- Academic Topper (2nd year of graduation).
- Awarded 'Best Use of Technology' in NASA Space Apps Hackathon.