

Manoj Kanakam

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Education

Vaagdevi College of Engineering (VCE)

Bachelor of technology in Computer Science and Engineering (Data Science) CGPA of 8.52 (till 7th semester) 2021 - 2025

SR Junior College

MPC (87.6%) 2019 - 2021

Pathfinder Group of Techno Schools

Secondary School Certificate GPA of (9.3) 2018 - 2019

Technical Skills

Programming Languages: Python, Java, C , SQL

Web Development: HTML, CSS, JavaScript, MySQL

Data Analysis: Pandas, Numpy, Matplotlib

Tools: GitHub, VS Code, Docker, Visual Studio, Power BI

Core Subjects: Data Structures and Algorithms (DSA), Operating Systems(OS), Computer Networks(DCCN), Database Management System(DBMS), Software Testing(ST), Network Security and Cryptography(NSC)

Internship (Jan'25 - Present)

- Research Intern at **Swecha Organization** – Worked on Large Language Models (LLMs), AI model development, and contributed to Viswam.ai, a Telugu AI project.
- Gained expertise in building LLMs from scratch, OCR-based text extraction, and data cleaning for AI applications.

Projects

Semester Results Analyzer using Python

- Utilized data visualization techniques to provide insights into academic performance trends
- Developed dashboards for detailed performance tracking
- Identified key factors influencing student success and areas needing improvement
- Facilitated data-driven decision-making for academic administrators

Optimal Travel Planner

- Employed optimization techniques to enhance travel planning and reduce overall travel time
- Designed a user-friendly interface for inputting destinations and viewing optimized routes
- Demonstrated significant improvements in travel efficiency and time savings

Audible PDF Companion

- Leveraged text-to-speech technology to provide auditory access to written material
- Designed an easy-to-use interface for uploading and listening to PDF documents
- Improved accessibility for users with visual impairments or those who prefer auditory learning

Certifications

Java Programming (Udemy)

Python Programming for Beginners (Udemy)

Associate Developer Certification (Blueprism)

Academy cloud foundations (AWS)

HTML (Greatlearning)

Achievements

- “Designing Chairperson” for College Club “IEEE VCE SB”
- “Designing Chairperson” for Departmental College Club “Data Quest”
- "I independently managed and executed all digital aspects of organizing a departmental technical event, showcasing my dedication and technical skills"
- "I, along with others, managed all aspects of two technical event for my college department, including Designing, organizing, logistics, hospitality, and event management, demonstrating our collective dedication and diverse skill set"

*I hereby Declare that the facts given above are genuine to the best of my knowledge and belief.