

# Manoj Kanakam

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 [Linkedin](#)

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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.