







# Vijesh T

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## PROFESSIONAL SUMMARY

Motivated IT undergraduate from Anna University with strong DSA skills and a passion for solving real-world problems through innovative tech solutions. Adaptable and deeply interested in emerging technologies.

## EDUCATION

**Madras Institute of Technology, Anna University**  
B. Tech Information Technology  
CGPA: **8.94** (Relative Grading) (As of 3 semesters)

**2023–Present**  
Chennai, Tamil Nadu, India

**Hebron Matriculation Higher Secondary School**  
HSC (STATEBOARD) – **97.5%**

**2021–2023**  
Nagercoil, Tamil Nadu, India

## SKILLS

**Technical Skills:** Database Management System, Object Oriented Programming, Data Structures and Algorithms

**Programming Languages:** C, C++, Python, Java (Beginner), SQL

**Technologies/Frameworks:** HTML, CSS, JavaScript, Bootstrap

**Databases/Utilities:** Oracle, MongoDB

**Soft Skills:** Communication, Strategy Formulation, Teamwork, Leadership

## PROJECTS

### Tourist Booking Hub

[\[LINK\]](#)

- Designed a responsive Tourist Booking Website frontend with HTML, CSS, and Bootstrap, featuring interactive search and listings for Stays, Flights, and Attractions.
- Technologies involved:** HTML, CSS, JavaScript, Bootstrap

### Adaptive Traffic Routing System

[\[LINK\]](#)

- Developed an Adaptive Traffic Routing System using Dijkstra's shortest path algorithm to determine the optimal route between cities based on real-time distance inputs.
- Technologies involved:** C++, Dijkstra's Algorithm

### Emergency Patient Queue System

[\[LINK\]](#)

- Designed and implemented an Emergency Patient Queue System using Leftist Heap to manage patient priorities in real time.
- Technologies involved:** C++, Leftist Heap

### DocuGPT

[\[LINK\]](#)

- Built an AI-powered PDF assistant that answers user queries from uploaded documents using semantic search and a Flan-T5 model.
- Technologies involved:** Python, Streamlit, LangChain, Hugging Face

## ACHIEVEMENTS AND CERTIFICATES

- Excel and Copilot Fundamentals – Microsoft (Coursera) **June 2025** [\[LINK\]](#)
- Artificial Intelligence Primer Certification – Infosys Springboard **May 2025** [\[LINK\]](#)
- Secured Top 1% in Python for Data Science – NPTEL **April 2025** [\[LINK\]](#)
- Secured Top 1% in Introduction to Machine Learning – NPTEL **October 2024** [\[LINK\]](#)
- Secured 86.6 percentile (Top 13.4%) in JEE (Main) 2023 **April 2023** [\[LINK\]](#)

## ACTIVITY/ROLE

- Placement Representative **January 2025–Present**