

# THEJASHREE B

Ph:+91 8870526991 | GitHub | Gmail | LinkedIn | Portfolio

## EDUCATION

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### COIMBATORE INSTITUTE OF TECHNOLOGY

MSc., Data Science (Integrated)

Jul 2023 - Present

CGPA: 7.28(till 4<sup>th</sup> semester)

### SBOA MATRICULATION & HIGHER SECONDARY SCHOOL

HSC, MATRIC

Jun 2022 - Mar 2023

Percentage: 78.5%

## PROJECTS

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### EMAIL THREAT ANALYZER

*React, Node.js, Express.js, MongoDB*

- Developed a **MERN-based** email security tool with **5+ core features** including real-time analysis, **JWT authentication**, and an interactive threat dashboard.
- Built **8+ interactive components** including email analysis interface with React, Node.js, and TailwindCSS, implementing RESTful APIs and **MongoDB storage** to improve user **awareness of email risks**.
- Integrated NLP-based content scoring and **suspicious-pattern detection** to classify email risk levels and generate **concise threat summaries** for user awareness.

### ARGUMENT STRENGTH ANALYZER

*Flask, scikit-learn, HTML, CSS, JavaScript*

- Created a system that evaluates the **clarity and logical strength** of written arguments, flags common weaknesses and fallacies, and suggests more **coherent, well-structured revisions**.
- Implemented a full workflow from argument input to **scored feedback** including strength rating, weakness explanation and fallacy tags and an **automatically rewritten** improved version.
- Built a **lightweight ML pipeline** using scikit-learn to **classify argument quality**, detect linguistic patterns, and generate constructive feedback in real time for users.

### THERAPIST CHATBOT

*Flask, SQLite, Google Gemini LLM, HTML, CSS, JavaScript*

- Developed a compassionate **AI therapist chatbot** using **Google Gemini LLM**, delivering **95% coherent and context-aware responses** through carefully designed for emotional support.
- Implemented secure login and **LLM powered conversation engine** with **prompt engineering** for safer user interactions and for emotional sensitivity and safety.
- Integrated a **session-tracking module** with SQLite to store anonymized conversation history, enabling personalized guidance while maintaining **100% user data privacy**.

## SKILLS

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**Languages:** Python, HTML, CSS, JavaScript, SQL, Node JS

**Frameworks:** Bootstrap(basic), Python Flask, Express JS

**Core CS Concepts:** Data Structures & Algorithms (DSA)

**Soft Skills:** Problem Solving, Adaptability, Team Work.

**Areas of Interest:** Full-Stack Development, AI/ML, Data Analytics, NLP.

## ACHIEVEMENTS & CERTIFICATIONS

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- BinaryXForge (problem-solving event):** Runners Position
- MinnaLearn & University of Helsinki:** “Elements of AI” Certification
- Deloitte Australia Data Analytics Job Simulation on Forage**
- HackerRank Certifications:** Python (Basic) and SQL (Basic)
- Tata Consultancy Services ESG Job Simulation on Forage**

## CO-CURRICULAR ACTIVITIES

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### Design Lead – Photography Club:

May 2025 – Sep 2025

- Designed creative posters, banners, and event promotions using Canva.
- Increased engagement for college events by designing visually appealing promotional materials.

### Technical Lead – Student Development Cell:

May 2025 – Present

- Developed a quiz web app and supported technical operations, event setups, and digital workflows.
- Coordinated with other club leads to align technical solutions with event goals.