

# RAGAVI.B

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in ragavib

🐙 ragavi-632007

## EDUCATION

BE , Computer Science and Engineering  
Chennai Institute of Technology

2024-2028  
CGPA-8.8/10

12th Grade – Tamil Nadu State Board  
Velammal Matriculation Higher Secondary School, Chennai

2023-2024  
Percentage-96%

## EXPERIENCE

ZOHO (software developer intern)

April-May 2026

- Built automation tools using Rust to improve system efficiency. Automated internal workflows, reducing manual effort ,Utilized Rust features like concurrency and memory safety for robust solutions .Contributed to debugging, testing, and optimization

Zynex solution(Full stack developer Intern)

Nov-Dec 2025

- Completed a Full Stack Development internship at Zynex Solutions, where I worked on creating responsive user interfaces, developing and integrating backend APIs, optimizing application performance, and contributing to full-stack feature development across real project modules

Secretary (Asymmetric club)

2024

- Collaborated with team members to develop web-based solutions and enhance coding skills.Assisted in organizing workshops and hackathons to promote technical learning.

## PROJECTS

Github: <https://github.com/ragavi-632007>

**LexiGem – AI Document Classification System (MERN + Next.js) | 2025**

- Developed an AI-powered document classification platform to detect legal and illegal documents using machine learning and NLP techniques.
- Built scalable REST APIs with Node.js/Express and Next.js frontend for real-time document analysis.
- Achieved ~92% classification accuracy, improving document verification efficiency by 40%.

**Forensi AI – Mobile Forensic Evidence Analyzer | 2026**

- Built an AI-based forensic analysis tool to process UFDR mobile forensic reports and extract key digital evidence.
- Implemented data parsing and automated evidence extraction using Python and ML models.
- Improved investigation efficiency by ~50% through automated data analysis.

**Artifact AI – Cultural Artifact Similarity Detection (RAG Model) | 2026**

- Developed an AI-powered system using RAG and ML embeddings to detect similarities among cultural artifacts and sculptures.
- Implemented semantic search with vector embeddings for contextual artifact comparison and knowledge-based retrieval.

## SKILLS

### Programming Languages

Java,rust, Python, C++

### CS Fundamentals

DBMS, OOPs, Operating Systems, Data Structures & Algorithms, Computer Networks

### Artificial Intelligence

TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, Matplotlib

### Web Development

HTML, CSS, JavaScript, MERN Stack, Next.js, PostgreSQL

### Machine Learning

Model Training, Data Preprocessing, Model Evaluation, Supervised & Unsupervised Learning

### Tools

Git, GitHub, VS Code, Postman, MongoDB, Supabase, NeonDB, Jupyter Notebook, Canva

## ACHIEVEMENTS:

### Hackathon:

Finalist – Pixel Wizard Hackathon and Vertex Innovation 2025, conducted by VIT.

3rd Place Winner – Aarambh – MLH Hack Day, powered by Gemini.

Winner – Innovation Mind Hackathon on Devpost.

## COMPETITIVE PROGRAMMING:

**LeetCode:** Solved 680+ problems, Peak Rating: 1909, **Top 5% Knight badge holder.**

**CodeChef:** **2★ coder**, 1434 rating, solved 1000+ problems in competitive programming contests.

**Codeforces:** Active contestant with **1030 peak rating** in algorithmic competitions.

## CERTIFICATIONS:

**AICTE:** Earned Eduskill cohort-13 internship certificate

**NPTEL:** Earned elite+sliver in IOT course by getting 82 percent

**CISCO:** Completed Cisco Certified Network Associate.