RAGUL RAVI

PERSONAL DETAILS

Chennai, Tamil Nadu, India
+91 9025891995

Email: r.ragulravi2005@gmail.com
GitHub: github.com/RagulRM
LinkedIn: linkedin.com/in/ragulravi2005/

SUMMARY

A dedicated undergraduate student pursuing a Bachelor of Engineering in Computer Science Engineering with a specialization in Cyber Security. Passionate about leveraging programming and problem-solving skills to develop innovative solutions.

TECHNICAL SKILLS

- **Programming Languages :** Java, C
- **IDE/Software :** Intellij IDE, Visual Studio Code
- **Programming Paradigms :** Data Structures & Algorithms, Object-Oriented Programming (OOP)

PROJECTS

CipherTalk – Web-Based Application

A secure communication platform implementing:
- AES Encryption: Provides secure text encryption and decryption for private messaging.
- Image Steganography: Enables users to hide messages within images and decrypt them using a secure passkey.
- Technologies Used: Java, AES algorithms, and custom steganography techniques.
- Outcome: Enhanced user privacy and data security through advanced encryption techniques.

Blockchain-Based DeFi Microloans Platform for Students – Web-Based Application

- Developed a decentralized microloan platform enabling collateral-free, and low-interest loans for students using smart contracts on blockchain.
- Designed a smart contract-based system to automate loan disbursement, repayments, penalties, and forgiveness while ensuring transparency and security.
- Implemented user-specific transaction and loan history tracking, supporting multiple transactions per user with structured data logging.
- Built mock blockchain utilities to simulate loan funding, repayment, and penalty functions for prototyping and testing.
- Addressed financial inclusion challenges by removing reliance on traditional credit scores and geographic constraints.
- Focused on financial transparency, trustless operations, and community-driven loan credibility for underserved student populations.

EDUCATION

Bachelor of Engineering in Computer Science Engineering (Cyber Security)   **2022 - Present**

Saveetha Engineering College, Chennai
- Specialization in Cyber Security.
- Expected Graduation: 2026

ADDITIONAL INFORMATION

- **Languages:** English, Tamil.
- **Certifications:** MongoDB Basics - **ICT Academy Learnathon**, UX Design for Web Developers - **Infosys**, Java (Basic) - **HackerRank**
- **Hobbies** : Solving aptitude problems to improve logical thinking and analytical skills.