

# RAGUL RAVI

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## PERSONAL DETAILS

Chennai, Tamil Nadu, India

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## 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, Pycharm, Visual Studio Code
- Programming Paradigms: Object-Oriented Programming (OOP), Data Structures & Algorithms

## PROJECTS

### CipherTalk

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.

### Customizable Coding Platform (In Development)

A dynamic coding platform with features to:

- Allow users to create customizable sessions with multiple problem statements and test cases.
- Support compilation of programs in various programming languages.
- Publish problem statements to multiple participants who solve them in real time.
- Display results, including marks obtained, to the session creator.
- Technologies Used: Multiple language compilers, real-time evaluation mechanisms.
- Outcome: A versatile platform enabling educators and professionals to conduct coding tests and training sessions efficiently.

## EDUCATION

**Bachelor of Engineering in Computer Science Engineering (Cyber Security)**

**2023 - 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)
- **Hobbies :** Solving aptitude problems to improve logical thinking and analytical skills.