

Adyasha Priyadarshini

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Summary

Third-year B.Tech CSE student specializing in Cybersecurity with strong skills in Java, networking, encryption, and secure system design. Experienced in developing encrypted communication systems, understanding cryptographic protocols, and analyzing networks using security tools. Passionate about cyber defense, secure software development, and emerging technologies in security. Currently learning SQL to strengthen backend and data-handling abilities. Seeking a summer internship in cybersecurity, secure software development, or network security.

Skills

Programming: Java, Python (Learning), HTML, CSS

Cybersecurity Tools: Wireshark, Nmap, OpenSSL

Concepts: Cryptography, Network Security, Socket Programming

Learning: SQL

Education

Siksha 'O' Anusandhan University, Bhubaneswar

2023–2027

B.Tech in Computer Science and Engineering (Cybersecurity)

CGPA: **7.98**

Class 12 (CBSE)

2022

Percentage: **71.5%**

Class 10 (CBSE)

2020

Percentage: **79%**

Projects

Secure Encrypted File Transfer & Chat Application *Java, AES-256, RSA-2048, Socket Programming*

- Built a secure desktop application enabling encrypted file transfer and chat communication over LAN.
- Implemented AES-256 for encryption and RSA-2048 for secure session key exchange (hybrid encryption similar to TLS).
- Designed a workflow where the sender encrypts the AES key using the receiver's RSA public key and the receiver decrypts with private key.
- Developed a user-friendly GUI with sender/receiver modes, file selection, status logs, and encryption handling.
- Added a multithreaded listener module to prevent UI freezing and allow continuous message reception.
- Structured the system with modular components: **GUI, CryptoUtils, NetworkUtils**.

Certifications

- Internet of Things Foundation Certification — Infosys Springboard (2025)
- Google Cloud Agent AI Day — Certificate of Participation (2025)
- Oracle Cloud Infrastructure 2025 — AI Foundations Associate (2025)