

# Jose Rohit M

joserohitbest@gmail.com — 6383828654 — 2026

## B.Tech, Computer Science and Engineering - Cyber Security

Amrita Vishwa Vidyapeetham, Amrita Nagar, Ettimadai, Coimbatore - 641112

**LinkedIn:** [linkedin.com/in/jose-rohit-068814259/](https://www.linkedin.com/in/jose-rohit-068814259/)

**GitHub:** [github.com/joserohit264/Projects](https://github.com/joserohit264/Projects)

## Summary

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Dedicated student pursuing a Bachelor's in Computer Science and Engineering specializing in Cyber Security. Skilled in Python, C++, C, Java, and Solidity with strong interests in networking, network security, and blockchain. Effective problem solver with experience in secure software development and distributed systems.

## Skills

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**Programming Languages:** Python, C++, C, Java, Solidity

**Areas of Interest:** Networks, Network Security, Software Development, Blockchain

**Tools & Technologies:** Wireshark, Nmap, Hashcat, Linux, Hyperledger, Docker, AWS (Basic), Remix IDE, Smart Contracts

**Domain Knowledge:** Network Security & Protocols, Threat Modelling, Cryptography, Encryption Techniques

## Education

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- **ASE, Coimbatore (2026)** – B.Tech in Computer Science and Engineering - Cyber Security  
CGPA: 8.14/10
- **Nalanda International Public School (2022)** – Class XII (CBSE), MPC – 84%
- **Sri Vijay Vidyalaya (2020)** – Class X (State Board) – 98%

## Projects

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- **Elliptic Curve Cryptography (Sep 2023 – Nov 2023)** Implemented an Elliptic Curve Cryptography (ECC) based secure communication system using Flask, enabling real-time message encryption and decryption through a web interface. Designed the system to demonstrate lightweight, high-security cryptographic operations for modern secure messaging applications.
- **Automatic License Plate Recognition (May 2024 – Jul 2024)** Built an end-to-end ALPR system using Python, OpenCV, TensorFlow, and Tesseract OCR for license plate detection and recognition. Enhanced accuracy through preprocessing, ML-based candidate filtering, and optimized OCR extraction.
- **Electronic Voting System Using Enterprise Blockchain (Jun 2025 – Present)** Developed a secure electronic voting system using Ethereum smart contracts on the Sepolia testnet to enable transparent and tamper-proof elections. Implemented modules for voter registration, vote casting, and automated result tallying.

- **Secure Password Manager (2025 – Present)**

Developed a self-hosted, zero-knowledge password manager with AES-256 encryption, PBKDF2 key derivation, JWT authentication, and a modern SPA frontend. Implemented secure vault operations, real-time security dashboard, password generator, and Docker-based deployment.

**GitHub:** [github.com/joserohit264/Secure\\_Password\\_Manager](https://github.com/joserohit264/Secure_Password_Manager)

## Certifications

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**Networking Basics:** Introduction to Networking – CISCO Networking Academy

**Network Security:** Palo Alto Networks Security Training

**Cybersecurity:** Cyber Crime Intervention Officer (ISAC)

## Currently Learning

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CompTIA Security+ (SY0-701) – In Progress

## Soft Skills

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Collaboration, Problem Solving, Time Management

## Personal Details

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**Nationality:** Indian

**Marital Status:** Single

**Passport No:** W2807370

- **Issued On:** 12/07/2022

- **Expires By:** 11/07/2032

**Languages Known:** English, Tamil