

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/

GitHub: github.com/joserohit264/Projects

Summary

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

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

- **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

- **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

Certifications

Networking Basics: Introduction to Networking – CISCO Networking Academy

Network Security: Palo Alto Networks Security Training

Cybersecurity: Cyber Crime Intervention Officer (ISAC)

Currently Learning

CompTIA Security+ (SY0-701) – In Progress

Soft Skills

Collaboration, Problem Solving, Time Management

Personal Details

Nationality: Indian

Marital Status: Single

Passport No: W2807370

• **Issued On:** 12/07/2022

• **Expires By:** 11/07/2032

Languages Known: English, Tamil