

# MARTIN ROZARIYO

rozariyomartin@gmail.com | +91-8122621528 | LinkedIn | GitHub

## OBJECTIVE

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BTech Cybersecurity student specializing in offensive security, cryptography, and digital forensics. Skilled in CTF problem-solving, penetration testing, and secure application development. Seeking opportunities to apply technical expertise in red teaming and security research.

## EDUCATION

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**B.Tech in Cybersecurity**, Amrita Vishwa Vidyapeetham, Coimbatore 2023 – Present  
CGPA: 7.89 / 10 (or Percentage)

## TECHNICAL SKILLS

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- **Languages:** Python, C, Java, Bash
- **Security:** Red Teaming, Forensics, OSINT, Web Exploitation
- **Tools:** Wireshark, Nmap, Burp Suite, Ghidra, Metasploit, Scapy
- **Other:** Git, Linux (Arch/Ubuntu), Docker, Flask

## PROJECTS

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**Secure Password Manager (Web App)** Flask, React, AES-GCM, Argon2  
Designed a secure password manager with client-side encryption ensuring zero-knowledge storage. Built with Flask backend and React frontend, Dockerized for deployment.

**CTF Challenges & Writeups** Python, Bash  
Solved challenges in crypto, forensics, OSINT, and web exploitation. Automated payload generation and hash cracking using scripts. Published writeups on GitHub.

**Network Sniffer & Analyzer** Scapy, Wireshark  
Built a custom packet sniffer to capture/analyze traffic and extract sensitive data. Parsed PCAP files to detect anomalies and recover hidden information.

## ACHIEVEMENTS

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- Top 4% in picoCTF2024
- Certifications: CRTA (in progress)
- Active on TryHackMe

## EXTRACURRICULAR

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- Member of University Cybersecurity Club
- Conducted OSINT & crypto workshops
- Contributed to open-source writeups and research blogs