

KIRUBAKARAN.N

CYBERSECURITY ANALYST & DEVELOPER

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I'm a passionate tester with a strong foundation in frontend and backend development. I explore cybersecurity research, achieving top 12% recognition worldwide on TryHackMe, and have discovered critical bugs in top-level companies. I'm skilled in OWASP Top 10 vulnerabilities, penetration testing, and API testing. I've built custom tools to enhance testing processes and have expertise in both manual and automation testing. My diverse experience ensures thorough and high-quality software testing.

EDUCATION

Mankula Vinayagar Institution of technology

B.Tech CSE (IOT & Cyber Security and including Blockchain)
2021-2025
CGPA 7.6

St. Anne's Matric Higher Sec School Panruti

Senior Secondary School (2020-2021) 81.78%
High School(2018-2019) 79%

PROJECTS EXPERIENCE

- **Analytics** - Student Training Web Application (March 2024 - July 2024)

Developed and tested an analytics web app for student training, focusing on backend development using Node.js. Conducted extensive penetration testing, identifying 15 critical vulnerabilities.

- **EonRoots** - IoT Sensor Management Web Application (June 2023 - December 2023)

Developed the backend using Flask and Firebase, implementing a time-based control system for IoT sensors. Enhanced hardware functionalities with Arduino code, reducing sensor downtime by 30%.

- **Cybertrio** - Full-Stack Vulnerability Detection Tool (Jan 2024 - Feb 2024)

Created a full-stack web app using React and Flask for breach detection and vulnerability scanning. Identified vulnerabilities in 50+ websites and detected breaches for over 200 user email IDs.

CERTIFICATIONS

- Advance Your Cybersecurity Career (LinkedIn)
- Mastercard Cybersecurity (Forage)
- Cybersecurity Essentials (Cisco)
- Ethical Hacking Cryptography (LinkedIn)
- Software Testing Tutorial (LinkedIn)
- Introduction to IOT with .NET Core (LinkedIn)

TECHNICAL SKILLS

- Programming Languages: JavaScript, Python, C
- Web Frameworks: React, Nodejs, Flask
- Databases: MongoDB, PostgreSQL
- Penetration Testing: Vulnerability Assessment, Exploitation
- Security Tools: Metasploit, Burp Suite, Nmap, Wireshark, SQLMap, OWASP ZAP, Shodan
- Encryption Tools: Veracrypt, BitLocker

ACHIEVEMENTS

- 2nd Prize in CTF conducted at SRM College, Chennai.
- 2nd Prize in Sensathon conducted by Sona College, Salem.
- CTF player in both TryHackMe and Hack The Box. Ranked 512 in all over India in TryHackMe.
- Acknowledged by RBI for discovering clickjacking bug in login page.
- Identified Coinhako database credentials leakage.
- Found an XSS bug in Firebolt.