ABIN SHAJI THOMAS

CYBERSECURITY ENTHUSIAST

CONTACT

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SKILLS

- Python
- Java
- C Programming
- Linux Command Line (Basic)
- Arduino, ESP8266, Sensors
- Cybersecurity Basics (Phishing, CTF)
- GUI Development (Tkinter)
- Debugging (Hardware + Code)
- Team Collaboration
- Event Volunteering & Coordination
- Problem Solving
- Basic Laptop Troubleshooting

LANGUAGES

- English (Fluent)
- Malayalam (Fluent)

PROJECTS

- **Phishing Link Detector** – Python GUI tool for detecting phishing URLs using heuristic rules.
- **File Encryption** – C CLI tool using XOR logic to encrypt/decrypt text files.
- **Password Strength Checker** – Java app to validate password strength based on rules.
- **Library Management System** – C-based menu program for managing book records.
- **CPU Pipeline Simulator** – Arduino + LCD setup to visualize 5-stage instruction flow.

PROFILE

I am a second-year B.Tech student specializing in Cybersecurity at Karunya Institute of Technology and Sciences. I am passionate about ethical hacking, system security, and IoT-based innovations. I have hands-on experience in building phishing detection tools, embedded systems using Arduino and sensors, and contributing to cybersecurity awareness as a club leader. I am currently seeking an internship to apply and expand my skills in cybersecurity, IoT security, and real-world threat analysis as I prepare for certifications like CEH and OSCP.

WORK EXPERIENCE

Technical Volunteer   2024 – PRESENT
CIRA Cybersecurity Club

- Assisted in organizing Capture the Flag (CTF) competitions and cybersecurity workshops.
- Guided juniors on cybersecurity tools (Kali Linux, Burp Suite, etc.) and ethical hacking basics.
- Managed technical sessions and created content for awareness programs.

Electronics DIY Builder   2025 - PRESENT
Self Projects & Community Help

- Built and debugged embedded circuits using Arduino, ESP8266, RTC modules, and sensors.
- Solved real-life problems using low-cost hardware tech.
- Helped peers prototype and troubleshoot electronics for academic or club use.

Tech Club Leadership   2024 - PRESENT
Leader – Skills & Competency Program, Karunya Hacks

- Conducted mentoring sessions and prepared students for hackathons and tech events.
- Collaborated on organizing training in ethical hacking, Python, and teamwork.
- Managed schedules, session plans.

EDUCATION

Bachelor of Technology in Computer Science (Cybersecurity)
Karunya Institute of Technology and Sciences   2024 - PRESENT
CGPA: 9.6 / 10.0

HSC & SSC (ICSE, ISC)
Infant Jesus English Medium School   2012-2024
CGPA: 9.1 / 10.0