THAMARAIMANALAN M

Junior Developer | Ethical Hacking & Web Dev Learner

CONTACT

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https://mtm-x.github.io/

https://github.com/mtm-x

SKILLS

- **Programming Languages:** Python (Advanced), Bash/Shell (Intermediate), HTML/CSS (Beginner)
- **IDEs:** VS code, Android Studio code
- **Tools/Technologies:** Git, Docker, GitHub, Excel,
- **Frameworks:** Flutter (Learning), Tkinter(GUI)
- **Operating System**: Linux
- **Design Tools:** Adobe Illustrator

SOFT SKILLS

- Teamwork
- Communication
- Fast learning/adaptability

CURRENT LEARNING

- **Ethical Hacking:** Exploring cybersecurity techniques and tools to identify and address security vulnerabilities.
- **Web Development:** Gaining skills in modern web technologies and frameworks to build responsive and interactive websites.
- **Flutter:** Learning to develop cross-platform mobile applications

PROFILE

Hands-on experience in developing network security projects using Python and shell scripting, including the creation of a WiFi jamming tool for educational purposes and building user-friendly interfaces with Python. Passionate about ethical hacking, web development, and mobile development using Flutter. Currently expanding my knowledge in cybersecurity and full-stack development, with a goal to apply my skills to solve complex problems in a real-world environment. Seeking an internship opportunity at Visa to contribute to cutting-edge financial technology solutions.

EDUCATION

Bachelor of Engineering (BE) in Electronics and Communication Engineering
Government College of Technology (GCT), Coimbatore
Expected Graduation: 2026

Certifications & Courses (Ongoing):

e-Yantra Robotics Competition (IIT Bombay) – Team Leader, Working on robotics and automation projects.
NPTEL Ethical Hacking Course – Enhancing skills in cybersecurity, penetration testing, and ethical hacking concepts.

PROJECTS

Network Security Analysis Tool(Python/Shell/Linux)
- Developed a WiFi jamming tool separately using Shell scripting and Python for network testing.
- Leveraged Linux command-line utilities to manipulate WiFi traffic and test network security.
- Enhanced understanding of network protocols by successfully identifying weak points in wireless networks.

Network Security Analysis Tool GUI with Python
- Created a GUI version of the WiFi jammer using Python and Tkinter.
- Simplified network testing for users through a visual interface, demonstrating skills in Python networking.

Portfolio Website
- Developed a personal portfolio website with a terminal-like interface using HTML, CSS, and jQuery.