MOHAMED
THOWFICK

Penetration Tester || Full Stack Developer

Contact

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🌐 Portfolio_Website

in Linkedin

🐙 GitHub

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Certificates & badge

- (Fortinet Network Security Expert)NSE1, NSE2, NSE3 - **Fortinet**
- "Practical Web Application Security" - **TCM Security**
- "API Security" - **APIsec University**
- Cloud Security Professional (In Progress) - **Oracle**
- "Ethical Hacking Essentials (EHE)","Network Defense Essentials (NDE), "Digital Forensics Essentials (DFE)" (In Progress) - **EC-Council**
- "Official ISC2 CC Online Self-Paced Training" **- ISC2**
- "Cyber Security Course" - **Eduonix**
- "Junior Cyber Security Analyst" - **Cisco Networking Academy**
- "Endpoint Security" , "NDG Linux Unhatched Course" - **Cisco Networking Academy**
- Critical Infrastructure Protection - **OPSWAT Academy**
- Python (Certified) - **HackerRank**
- Various Cyber Security Courses - **Udemy**
- Active Participation in "**TryHackMe**" Platform

About Me

As a dedicated technology enthusiast with a strong passion for security, I am eager to contribute my skills as a Full Stack Developer. My foundation in frontend and backend development is paired with a deep interest in security practices and penetration testing. My pursuit of knowledge includes certifications from EC-Council, Cisco, APIsec University, TCM Security, Hacker-rank badge and so on, all of which reflect my commitment to security excellence. I believe in crafting web applications that not only deliver seamless user experiences but also adhere to the highest security standards. Let's work together to create innovative solutions while prioritizing the security of our digital world.

Skills

SECURITY SKILLS

- Aspiring in the realm of security with a focus on **Offensive Security** techniques, I'm eager to build my expertise in conducting **Vulnerability Assessments**, Security Patching, and **Pentesting**. While I'm in the early stages of my journey, I'm already familiarizing myself with fundamental Tools like NMAP, Metasploit, and OWASP ZAP Proxy. I'm dedicated to mastering both automated and manual testing for web applications and network vulnerabilities, striving to align with the **OWASP Top 10**.

TECHNICAL SKILLS:

- Proficient with **Linux** as my primary operating system, including building **Linux CLI applications**.
- Fast and efficient **typist** for increased productivity.
- Skilled in **Git**, utilizing it for version control and enabling seamless collaboration
- Familiar with **Figma** for basic UI design, contributing to user interface discussions.
- Intermediate knowledge of **networking** for cybersecurity, complementing proficiency

FRONTEND DEVELOPMENT:

- **HTML** and **React** for building interactive and user-friendly web applications.
- Proficient in **CSS** and **Tailwind CSS** for styling and layout of web pages

BACKEND DEVELOPMENT:

- Proficient in **Python** laying the groundwork for robust server-side development and building **APIs**.
- Familiarity with popular frameworks like **Flask** enabling rapid web application development.
- Basic experience with **Node.js** for server-side development.

DATABASE MANAGEMENT:

- Proficient in **MongoDB** and **MySQL** for efficient data storage and retrieval.

DEPLOYMENT SKILL:

- Proficient in **Docker** for containerization, ensuring consistent deployment.
- Familiar with **Nginx** for web server deployment and configuration

Education

- Diploma in COMPUTER HARDWARE TECHNOLOGY
  Tiruchirappalli Regional Engineering College Science and Technology Entrepreneurs Park
  2018

- Diploma of Desktop Publishing
  KALVI INSTITUTE
  2019

- Bachelor of Business Administration
  AVASC College | Bharathidasan University
  2020 - 2023

Freelancing

- **MRG ENGINEERING**
  Website Developer | Oct 2023

Internship

- **Senselearner Technologies**
  Cyber security | Sep-Oct 2023

- **CYBERDOSTI Technologies**
  Cyber security | Sep 2023

- **IMAGGAR Technologies**
  Full Stack Developer | Jun 2023 -Aug 2023

- **MRG ENGINEERING**
  Web Developer | Apr 2021 - Apr 2022

Languages

ENGLISH

TAMIL

Projects For Portfolio

- **Cloning** - Facebook , YouTube and e- commerce website
- **Network Programming & Security** - Network Monitoring and Alerting Tool, Automated Network Security Policy Enforcement Tool, Network Traffic Analysis Tool, IP information analyzer Tool , Port Scanning Tool, bandwidth analyzer Tool, DNS analyzer Tool, Website file Grabber Tool, Automated Network Testing Tool and so on.
- **Cybersecurity Project** – Phishing Tool, KeyLogger, Basic-DOS Protection, Hash Generator, Password Generator Tool, and basic testing Tools, encryption and decryption Tools, reconnaissance Tool and so on
- **Python** - Student management (CRUD), CLI application on Linux , Mail Sender, pdf and image converter, Developer Environment setup Tool, ASCII art converter, Bulk-email Sender, CLI mini Games, File Catergorizer, Git Command Automation Tool, Joke Generator, MongoDB Tool, Story Generator and so on
- **AI and Chatbot** - Telegram bot , Malware Detection , Spam Email filter, Face and Emotion Detection, Color Identifier, speech to text converter

Leadership Roles:

Secretary, Entrepreneurship Development Cell (EDC) | AVASC | 2022 –2023
- Coordinated events, workshops, and seminars, fostering an entrepreneurial spirit within the college community.
- Managed administrative tasks, including record-keeping, scheduling, and stakeholder communication.

Department Coordinator | AVASC | 2021 –2023
- Assisted in coordinating department-specific activities and events.
- Collaborated with faculty and students, ensuring the smooth organization of initiatives.
- Enhanced departmental cohesion and promoted student engagement.