



# MOHAMED THOWFICK

Cyber Security - VAPT - Full  
Stack Developer



## Contact



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[Portfolio Website](#)



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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)" - **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



## Languages

ENGLISH



TAMIL



## 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





## Internship

### → Cyber Security Intern

Senselearner Technologies pvt Ltd, , Uttarakhand, India

September - 2023 to October - 2023

#### Job Profile & Responsibilities

- Adept in cybersecurity essentials, ethical hacking, and Nmap mastery.
- Executed hands-on tasks, excelling in Linux labs and meticulous report crafting.
- Explored footprinting, reconnaissance, and OSINT tools with precision.
- Delved into VAPT, Nessus, and Metasploit, demonstrating expertise in lab-solving.
- Showcased proficiency in web app pentesting, excelling in OWASP Top 10 labs.

### → Cyber Security Intern

CYBERDOSTI Technologies pvt Ltd, ,Uttarakhand, India

September - 2023

#### Job Profile & Responsibilities

- Crafted "PassGen": a secure, user-friendly password generator tool.
- Designed "PhishMe" for ethical phishing awareness, promoting responsible use.
- Engineered "KeyLog": a keylogger tool with a focus on ethical considerations.
- Applied cybersecurity skills to secure practice sites and perform real-world scenarios.
- Specialized in reconnaissance for precise vulnerability assessments, addressing and preventing OWASP Top 10 security risks with expertise.

### → Full Stack Developer Intern

IMAGGAR Technologies pvt Ltd, ,Thanavur, Tamil Nadu

June - 2023 to August - 2023

#### Job Profile & Responsibilities

- Spearheaded Full Stack Development, employing Python (Flask), Node.js, Docker, HTML, CSS, JS, React, Tailwind CSS, and MongoDB for real-time projects.
- Pioneered rigorous penetration testing, fortifying applications with robust security layers.
- Mastered collaborative workflows via Git, ensuring seamless version control.
- Excelled in client interfacing, transforming project visions into successful realities.

### → Website Developer Intern

MRG Engineering , Thanjavur, Tamil Nadu

April - 2021 to April - 2022

#### Job Profile & Responsibilities

- Led dynamic website projects, mastering HTML, CSS, and venturing into JavaScript.
- Elevated design finesse with Figma and Photoshop, shaping seamless UI/UX experiences.
- Innovated app development using Google AppSheet for efficient solutions.
- Excelled in WordPress, amplifying web development capabilities.



## Freelancing

### → Website Developer

MRG Engineering , Thanjavur, Tamil Nadu

October - 2023

#### Job Profile & Responsibilities

- Leveraged HTML, CSS, and various JavaScript libraries for dynamic and responsive website development.
- Engaged with clients to understand requirements and translated them into visually appealing web solutions.
- Crafted intuitive user interfaces, prioritizing aesthetics for an enhanced user experience.
- Applied advanced JavaScript knowledge, including diverse libraries, for interactive and dynamic features.



## Projects For Portfolio

- **Cloning** - Facebook , YouTube, Amazon and disney+ hotstar
- **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 Categorizer, 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.



## Education

- Diploma in COMPUTER HARDWARE TECHNOLOGY | **2018**  
Tiruchirappalli Regional Engineering College Science and Technology Entrepreneurs Park
- Diploma of Desktop Publishing | **2019**  
KALVI INSTITUTE
- Bachelor of Business Administration | **2020 - 2023**  
AVASC College | Bharathidasan University