

P. SALMANUL FARIS

Cybersecurity Professional

OBJECTIVE

Certified Penetration Tester with a strong foundation in cybersecurity and hands-on experience in network security and ethical hacking. Backed by a master's in physics and freelancing experience in cross-platform billing and mobile app development. Skilled in identifying vulnerabilities, analyzing risks, and securing systems against threats. Strong analytical mindset with a keen eye for detail and a problem-solving approach. Eager to contribute to a security-focused organization while continuously learning and growing as a cybersecurity professional.

EDUCATION & CERTIFICATIONS:

Certified Penetration Tester (CPT)

- **Institution:** RedTeam Hacker Academy, Kozhikode
- **Completion Date:** 2024 (3 months)
- **Technologies Covered:** Penetration testing methodologies, network security, vulnerability assessments, ethical hacking; experience with Burp Suite, Nmap, and Metasploit.

M.Sc. Physics

- **Institution:** The New College, Chennai, Tamil Nadu
- **Completion Date:** 2023

B.Sc. Physics

- **Institution:** The New College, Chennai, Tamil Nadu
- **Completion Date:** 2021

Advanced Programming in Full Stack Software Engineering (APSE)

- **Institution:** NIIT, Chennai

Senior Secondary (XII)

- **Institution:** NEST Higher Secondary School, Kerala State Board
- **Completion Date:** 2018

Higher Secondary (X)

- **Institution:** Don Bosco Matriculation Higher Secondary School, Tamil Nadu State Board
 - **Completion Date:** 2016
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TECHNICAL SKILLS:

- **Penetration Testing Tools:** Burp Suite, Nmap, Wireshark, Metasploit.
 - **Programming Languages:** Python, Bash, Java, C, C++, JavaScript, HTML, CSS, SQL.
 - **Operating Systems:** Windows, Linux (Kali, Ubuntu).
 - **Networking:** IP addressing, subnetting, routing, switching, DNS, DHCP, HTTP/HTTPS.
 - **Security Concepts:** Firewalls, VPNs, IDS/IPS, encryption, DDoS mitigation, phishing detection.
 - **Others:** Familiarity with cloud security concepts, database management basics.
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TRAINING & EXPERIENCE

Cybersecurity Trainee — Sesame Technologies Pvt. Ltd.

(June 2025)

Kozhikode (On-site)

- Conducted external penetration testing and vulnerability assessments on real-world client applications including Belton Technology.
- Used tools like Nmap, Nikto, OWASP ZAP, and Burp Suite for reconnaissance, scanning, and vulnerability identification.
- Identified and reported security issues in client websites and public-facing infrastructure.

PROJECTS:

- **Custom Ubuntu Pentesting Machine("Sunset")**
Configured a customized Ubuntu environment for ethical hacking with essential tools and scripts.
 - **DoS Attack Simulation (Lab-Based)**
Executed a controlled Denial-of-Service attack using Xerxes on a test Apache server. Observed service behavior and developed mitigation strategies.
 - **Cross-Platform Billing App (In Progress)**
Developing a desktop and mobile app using cross-platform tools to simplify billing processes for small businesses.
 - **M.Sc Research Project**
“Acoustic Study of Aqueous Solution Containing Antibiotic and Human Mixtard Insulin” — used ultrasonic interferometry and studied properties across physiological temperatures.
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PERSONAL DETAILS

Full Name: P. Salmanul Faris

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Language Proficiency: English, Malayalam, Tamil