

# P. SALMANUL FARIS

## Cybersecurity Professional

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### 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.

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### 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

**Location:** Kolathur, Chennai, 600099

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**Language Proficiency:** English, Malayalam, Tamil