

AJIN GEORGE THOMAS

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CORE TECHNICAL SKILLS

- Python
- MYSQL
- MITRE ATT&CK Framework
- Security protocols
- Vulnerability assessment
- ISO 27001
- PCI-DSS
- Incident response
- SIEM
- HTML/CSS/JAVASCRIPT/SQL
- SPLUNK
- LINUX
- Web application security
- Wireshark
- WordPress
- OWASP Top 10
- VAPT
- Web development
- WAZUH
- Intrusion Detection/Prevention
- Burp Suite
- Ethical Hacking Basics

WORK EXPERIENCE

Cybersecurity Analyst Intern Pinnacle Labs – Remote

21 April 2025 – 21 May 2025

- Deployed and tested encryption tools (AES, DES, RSA) and a secure image encryption system with IV for endpoint data protection.
- Participated in Windows/Linux security hardening and validated endpoint controls using scripting (Python/Bash).
- Gained exposure to endpoint configuration and secure monitoring practices in enterprise settings.

Cybersecurity Researcher RedTeam Hacker Academy, Trivandrum, India

18 September 2024 – 28 March 2025

- Monitored and responded to real-time endpoint alerts using **SIEM tools (Splunk, QRadar, Wazuh)**.
- Utilized the **MITRE ATT&CK framework** for threat hunting, behavior analysis, and detection rule creation.
- Performed IOC investigations, malware behavior simulations, and triaged alerts across Windows/Linux systems.
- Contributed to SOC playbook improvements and compliance documentation (ISO 27001, PCI-DSS).
- Used **Wireshark, Nmap, and Burp Suite** for network packet inspection and vulnerability testing.

PROJECTS

1. Website Log Monitoring using Splunk on WordPress (SOC Project)

- Built a **SOC lab using Splunk** for centralized **log monitoring** of WordPress
- Analyzed traffic and detected anomalies for **incident response**
- Generated **real-time security** insights and performance metrics

2. Metro Rail Management System | Python (Django), HTML, CSS, JavaScript (MCA Project)

- Implemented digital ticketing, route tracking, and user feedback modules
- Reduced operational cost and improved service delivery efficiency

3. Small Scale Industry Development System | Python (Django), MySQL (BCA Project)

- Created platform for stock, purchase, and sales tracking for small businesses
- Enhanced process efficiency and reduced manual workload by 60%

CERTIFICATIONS

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|--|---------------------|
| 1. Certified IT Infrastructure and Cyber SOC Analyst – RedTeam Hacker Academy | Nov 2024 – Mar 2025 |
| 2. Web Development - Softzane Solutions, Ayur/Kollam | Jun 2024 – Aug 2024 |
| 3. Introduction to Cybersecurity - SimpliLearn | |

EDUCATION

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|---|-----------|
| Master Of Computer Applications
Mar Thoma Institute of Information Technology, Ayur, Kollam, Kerala | 2022-2024 |
| Bachelor of Computer Applications
Catholicate College, Pathanamthitta | 2019-2022 |