

ARAVIND RATHEESH

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Summary

Cyber Security Engineer experienced in threat analysis, vulnerability assessment, and penetration testing of web applications. Demonstrated ability to apply OWASP Top 10 and other security best practices to ensure robust, enterprise-level protection. Proven record of collaborating with technical and business teams to design secure systems and mitigate cyber risks.

Technical Skills

- **Skills:** Penetration Testing, Vulnerability Scanning, System Hacking, Cybersecurity Tools Development, Cinema, Browsing the Internet, Editing Videos
- **Languages:** Python
- **OS:** Windows, LINUX
- **Cybersecurity:** Vulnerability Assessment, System Hacking, SQL Injection, Network Engineering, Zero Trust Model, OWASP Top 10, OSINT, Cyber Security solutions, Network Security

Work Experience

FORD MOTOR CORPORATION

Apr 2018 - Present

Trainee

Participated in a 15-day comprehensive rotation, gaining exposure to diverse operational roles in an automobile dealership and adapting quickly to dynamic work environments.

IIIC

Jun 2024 - Jan 2023

Industrial Training

- Completed a five-day industrial training program at the Indian Institute of Infrastructure and Construction (IIIC), demonstrating effective time management and rapid learning capabilities.
- Acquired hands-on knowledge of MEP practices at the Regional Cancer Center in Trivandrum, Kerala, emphasizing adherence to industry standards and collaborative work.

SUTHERLAND GLOBAL SERVICES

Sep 2023 - Jun 2024

Customer Executive

- Worked as a Customer Executive.

NETSACH GLOBAL

Jul 2024 - Present

Security Analyst and Developer

- Working as a Security Analyst and Developer.
- Conducting penetration testing on various web applications.

Education

KMEA College of Engineering

2020 - 2023

B.Tech, Mechanical Engineering

- **GPA:** 70%

SSM Polytechnic College, Tirur

2017 - 2020

Diploma, Automobile Engineering

- **GPA:** First Class

Islahiya Higher Secondary School, Malappuram

Jan 2016 - 2017

Class X

- **GPA:** 93.5%

Projects

Cybersecurity Platform

SECURITY LABZ

- Frontend: React.js
- Backend: Node.js
- Database: MongoDB
- Cybersecurity Tools Developed:
 - Network Scanner: Scans and maps network infrastructure vulnerabilities.
 - API Scanner: Analyzes API endpoints for potential security issues.
 - XSS Checker: Detects cross-site scripting vulnerabilities.
 - SQL Injection Checker: Identifies database security flaws.
 - Python-based Security Automation Tools:

- Developed and integrated multiple automation tools for penetration testing.
- Enhances efficiency in web application security assessments.

Major Project (B.Tech)

REAL ENERGY MONITORING SYSTEM

- Built a household electric energy monitoring system using IoT.
- The system feeds real-time energy consumption data to a mobile app.
- Platform: Blynk (IoT Platform)

Major Project (Diploma)

ELECTRICAL WIRING OF AUTOMOBILE

- Dismantled and installed an electronic wiring kit of a Maruti Suzuki Omni.
- Successfully executed the installation with precision.

Feb 2023

E-BIKE WORKSHOP

- Converted a conventional bicycle into an electric model.
- Led the workshop and trained over 10 students.

2024

Cybersecurity Automation Tools

- Developed over 10 cybersecurity tools from scratch using Python.
- Automated multiple security assessment techniques following OWASP Top 10.

Certifications

Languages

- English (), Tamil (), Hindi (), Malayalam ()