

# ASWINRAG K

## Cybersecurity Analyst

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### PROFESSIONAL SUMMARY

Dedicated cybersecurity professional with Google Cybersecurity Certificate and comprehensive knowledge in threat detection, incident response, and security analysis. Experienced in Linux system administration, network security protocols, and Python scripting for security automation. Proven ability to design and implement secure applications with strong understanding of vulnerability assessment and penetration testing methodologies. Currently pursuing MCA with focus on advanced cybersecurity concepts and SOC operations.

### EDUCATION

#### Master of Computer Application (MCA)

MES Kuttippuram

2025 - Present

#### Bachelor of Computer Applications (BCA)

CCSIT Peramangalam

2022 - 2025

### CERTIFICATIONS

Google Cybersecurity Certificate - 2025

### TECHNICAL SKILLS

#### Security Tools

Wireshark, Nmap, Metasploit,  
Burp Suite, OWASP ZAP

#### Operating Systems

Linux (Ubuntu, Kali),  
Windows, Virtual Machines

#### Programming

Python, Bash Scripting, PHP,  
JavaScript, MySQL

#### Networking

TCP/IP, DNS, Firewalls, VPN,  
Network Analysis

### PROFESSIONAL EXPERIENCE

#### Security Analyst

2025 - Present

Independent Projects & Research

- Built comprehensive cybersecurity home lab environment for hands-on security testing and analysis
- Performed network vulnerability assessments and penetration testing on various systems
- Developed Python automation scripts for security monitoring and log analysis

### PROJECTS

#### Secure Campus Management System

2025

Flutter | PHP | MySQL | Biometric Authentication

- Developed secure biometric authentication system with fingerprint scanner integration
- Implemented secure API endpoints with input validation and SQL injection prevention
- Applied encryption for sensitive data storage and transmission

#### E-commerce Security Assessment

2025

PHP | MySQL | Web Security

- Performed comprehensive security audit of e-commerce web application
- Implemented secure payment processing and data encryption mechanisms
- Applied OWASP security guidelines and secure coding practices

### ADDITIONAL INFORMATION

**Languages:** English, Malayalam

**Interests:** Cybersecurity Research, Ethical Hacking, Network Security, Incident Response