

# GAPILESH PIRABAHARAN

## Aspiring Cybersecurity Professional

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### Profile

Highly motivated Software Engineering undergraduate seeking an entry-level cybersecurity role. Strong foundation in network security, ethical hacking, and risk management. Eager to apply expertise to challenging cybersecurity projects and contribute to a security team.

### Experience

#### Intern WordPress Web Developer at Creo360 (2023)

- Documented the "WordPress Security Best Practice" to enhance employee awareness.
- Enhanced website security by implementing plugins and integrating Honeypots to filter hundreds of spam.
- Implemented Least privilege access controls.
- Collaborated with cross-functional teams.
- Maintained website functionality, including bug fixes, troubleshooting, and performance optimization.

#### Freelance Web Developer (2024)

- Developed "CysecCoach", a cybersecurity awareness blog website, and contributed to articles on phishing prevention, password management and cyber threats.
- Provided web development, problem-solving, and security consultations to clients.

### Projects

#### Final Year Research Project (2024)

Developing a continuous authentication system using behavioural biometrics such as keystroke dynamics, eyeblink patterns to mitigate session hijacking and insider threats, utilizing machine learning algorithms for real-time verification and adaptive security.

#### Personal Git Projects

Cybersecurity-focused projects, including Ethical Hacking (Network Analysis, Steganography).

### Education

#### Informatics Institute of Technology (2021 - 2025)

BEng (Hons) Software Engineering affiliated with the University of Westminster, UK.

#### Relevant coursework:

Cybersecurity, Final Year Research Project, and IoT

### References

(Referee details will be provided upon request.)

### Language

- English
- Tamil

### Professional Qualification

#### Certified in Cybersecurity (CC) (Reading)

Currently a candidate and a self-paced learner for the entry-level CC exam by (ISC)².

#### Networking and Cybersecurity Certificate Program

A CPD-certified 5-month program by IIT PDU, with hands-on activities in Network Analysis and Ethical Hacking.

#### LinkedIn Learning E-Certificates

- Cybersecurity Foundations (Reading)
- The Cybersecurity Threat Landscape (2024)
- Networking Foundations: Networking Basics (2024)
- WordPress: Building a Secure Site (2023)

### Technical Skills

#### Cybersecurity:

Concepts: Ethical hacking, Vulnerability assessment, Risk management, Incident response, Data protection.

Tools: Nmap, Wireshark, Metasploit, Dnsenum, Whois.

#### Networking:

Network monitoring, Routing, Firewalls, Subnetting, VPNs, Network protocols and the OSI model.

#### Operating Systems:

Windows (7, 10, 11), Kali Linux, Ubuntu

#### Programming:

Bash Script, Python, JavaScript, Java, and PHP.

#### Other Skills:

Version Control (GitHub, Code Space), Virtualization (Virtual Box, VMware, Proxmox), Database (MySQL), Containerization (Docker), Cloud Computing.

### Extra-curricular

#### Continuous learning from:

Hack the Box, Try Hack Me, LinkedIn Learning.

#### SDG G17 - Student Ambassador (2024)

Advocate for Goal No.1 - No Poverty.

#### SEF Scholar X - Mentee (2023)

Mentored by a Cybersecurity Doctorate.

**Guest Speeches** at IIT on Professional Development.

#### Conferences, Workshops and Competitions:

Future Fusion, Google I/O, Cloud Native Kubernetes, Salesforce Conference, Microsoft Students Champs, Ballerina Workshop, and IEEE Extreme 17.0