

ABHINASH KUMAR JHA

Cyber Security and Networking

📞 +91-7050301408 📩 jhaabhinash2305@gmail.com 💬 LinkedIn 🌐 Github 🔑 TryHackMe

EXPERIENCE

Full-Stack Development Intern

DAIRA EdTech

03-2025 – 05-2025

Remote

- Assisted in designing and developing responsive web applications with emphasis on secure front-end architecture, safe handling of user inputs, and reliable API communication.
- Developed and maintained unit tests (15+) to validate application logic and detect defects early, improving software reliability and reducing the risk of security-related failures in later stages.
- Actively contributed to code reviews and documentation, following best practices in version control for efficient development workflows.

PROJECTS

Hybrid Intrusion Prevention System | Snort (Custom Rules) + Elastic Dashboard

[Project Link]

- Designed and implemented a Hybrid Intrusion Prevention System (IPS) using Snort in inline mode for real-time packet inspection, alerting, and automated threat blocking with custom rules.
- Configured network security mechanisms including NFQUEUE, iptables, TCP/IP traffic analysis, and rule-based attack detection to monitor and prevent malicious network activity.
- Integrated the Elastic Stack (ELK) to build a centralized security monitoring dashboard, enabling log analysis, visualization, and correlation of network

CERTIFICATIONS

>All Certificates

- AWS Cloud Security Foundations | AWS
- CCNA: Networking | Cisco NetAcad
- Introduction to CyberSecurity | Cisco NetAcad

- Ethical Hacking | NPTEL
- Python Essentials | Cisco NetAcad
- Introduction to Packet Tracer | NPTEL

TECHNICAL SKILLS

Scripting: Bash, Python(Basics)

Cyber Security Technologies Kali Linux, Ubuntu Linux and Ubuntu-Server, Windows Server, Access control and Identity Management, Azure AD

Cyber Security Tools: NMAP, SNORT, SIEM, DNS, Firewalls, Active and Passive Reconnaissance, Threat and Malware Detection, TCP/IP

Concepts in Security: Cloud Security, Vulnerability Assessment and Penetration Testing (VAPT), Cyber Threat Intelligence, Privilege Escalation, Cryptographic Exploitations

EDUCATION

Galgotias University

2022-2026

B.Tech - Computer Science and Engineering - **CGPA - 7.9**

Greater Noida

Research Projects and Other Achievements

- Doing a research project in the Cyber-Security domain titled **Lightsense: Phishing Email Detection on Resource-Constrained Edge Devices**
- Completed Bandit and Leviathan levels of CTF wargames on the OverTheWire platform.
- Represented my college team in the **Indian Army's Capture the Flag competition**

PROFESSIONAL SKILLS

Effective Communication: Strong communication skills developed through teamwork and interpersonal interactions.

Cross-Functional Collaboration: Got along with experts and experienced developers to pursue the internship project.

Leadership Mentoring : Lead the team of interns in a startup company for continuous API testing and integration.