

MUHAMMAD YAQOOB

Cybersecurity Engineer

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📍 Watford, United Kingdom

SUMMARY

Cybersecurity Engineer with hands-on experience in red and blue teaming, VAPT, and cloud platforms (AWS, GCP). Holds certifications including eCPPT, CRTP, and CEH. Recently completed an MSc in Cybersecurity from the University of Hertfordshire, following a BS in Cybersecurity from FAST-NUCES. Actively seeking the next opportunity in cybersecurity.

EXPERIENCE

Cybersecurity Associate

LMKR

📅 05/2023 - 07/2023 📍 Islamabad, Pakistan

- Performed Vulnerability Assessment and Penetration Testing (VAPT) on internal and external applications of LMKR by following industry-standard procedures such as PTES, OWASP, and NIST

Cybersecurity Service Provider

Fiverr

📅 11/2021 - 11/2023 📍 Remote

- Provided professional cybersecurity services to global clients, including penetration testing, malware removal (WordPress), training, and documentation
- Completed 80+ projects with a consistent 5.0-star rating, demonstrating high client satisfaction and quality delivery
- Designed and delivered tailored cybersecurity training sessions to enhance clients knowledge of security concepts and best practices
- Ensured strong client relationships through clear communication and on-time service delivery, leading to repeat engagements and referrals

Cybersecurity Content Engineer

Emricon Consulting Limited

📅 12/2021 - 08/2022 📍 Remote

- Designed and developed Jeopardy and Boot to Root CTF challenges, subsequently deploying them on the cloud platform
- Produced comprehensive documentation outlining the solutions to the challenges
- Organized a nationwide CTF competition as part of this role
- Managed all aspects of the competition, including registration, logistics, rules, judging, and awards, while maintaining a high level of professionalism and integrity

EDUCATION

Master of Science in Cybersecurity

University of Hertfordshire

📅 01/2024 - 05/2025 📍 Hertfordshire, United Kingdom

Bachelor of Science in Cybersecurity

National University of Computer and Emerging Sciences (FAST)

📅 08/2019 - 08/2023 📍 Islamabad, Pakistan

CERTIFICATION

Certified Red Team Professional (CRTP)

eLearn Security Professional Penetration Tester (eCPPT)

eLearn Security Mobile Application Penetration Tester (eMAPT)

Certified Ethical Hacker (CEH-Practical)

eLearn Security Junior Penetration Tester (eJPT)

AWS Cloud Practitioner

PROFESSIONAL LINKS

LinkedIn

<https://linkedin.com/in/muhammadyqb>

Blogs

<https://0xt0pus.com/>

GitHub

<https://github.com/0xt0pus>

SKILLS

Web Mobile and Network VAPT		Malware Analysis		Automation with Bash and Python		AWS Cloud	
SOC Operations	Metasploit	Nmap	Application Security	Documentation	Wireshark	Kali Linux	
Incident Response	Security Code Review						

LEADERSHIP & VOLUNTEERING

Chair
Herts Cyber Security Society
📅 10/2024 - 04/2025

- Led the society in promoting cybersecurity awareness and education on-campus. Organized technical events to engage students in hands-on security practices

Technical Secretary
Cyber Space Legion
📅 10/2021 - 07/2023

A campus level cybersecurity society.

- Led a team in training new students on offensive and defensive cybersecurity techniques
- Organized various on-campus activities, including trainings, workshops, seminars, and cybersecurity competitions

Event Head
NaSCon
📅 01/2022 - 07/2023

A flagship event of FAST NUCES

- Led cybersecurity events, overseeing CTF, quiz, and seminar teams, and organized two national-level CTF competitions

PROJECTS

InThreat Raider
📅 08/2022 - 07/2023

Final year project of my Bachelor's degree in Cybersecurity, focused on developing an AI-powered threat intelligence platform

- Developed InThreat Raider, an AI-driven platform for real-time threat detection through file, host, and network analysis
- Integrated static and dynamic AI algorithms for comprehensive malware detection and behaviour analysis
- Designed a user-friendly web dashboard to visualize threat data, supporting SOC teams in rapid incident response

LLM Prompt Injection Analysis
📅 01/2025 - 05/2025

Part of my MSc final project, this research-focused work evaluated the security of modern LLMs against prompt injection attacks using a custom scenarios-based dataset.

- Conducted testing on advanced LLMs (GPT-4o, Claude 3, Gemini 2, Grok, Deepseek, LLaMA) with over 250 crafted adversarial prompts
- Developed a testing framework to evaluate LLMs via their APIs in a controlled and repeatable manner
- Analysed and compared the vulnerability levels across different LLM generations based on injection success rates

KEY ACHIEVEMENTS

Digital Pakistan Cybersecurity Hackathon 2023

Achieved 1st position in the regional round and 4th position in the national final of the Digital Pakistan Cybersecurity Hackathon 2023, competing against over 300 teams nationwide.

Academic Achievements

Received a Bronze Medal for securing 3rd place in my department at the FAST-NUCES during the Fall 2020 semester. Additionally, I was named to the Dean's List for achieving a GPA of over 3.5 in the Spring 2020 semester.

NUST Hackathon 2023 - Capture the Flag Competition

Secured 2nd position out of 50+ teams in the Capture the Flag (CTF) competition organized by the National University of Science and Technology (NUST), Pakistan.

SenseOn Tech Capture the Flag (CTF) Winner

Representing the University of Hertfordshire, I secured first place in the CTF competition organized by SenseOn Tech, completing all 30 challenges within 5 hours.