Muhammad Huzaifa

Cyber Security Engineer

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🎓 EDUCATION

Bachelors in Cyber Security, *FAST - NUCES, CGPA - 3.28*
Integrating theoretical expertise and practical acumen to excel in cyber security.

Sep 2020 – present
Islamabad, Pakistan

💼 PROFESSIONAL EXPERIENCE

Cyber Defense and Network Security Intern, *Thincscorp*
Jul 2021 – Oct 2021
Dubai, UAE
- Engaged in **multi-platform logs monitoring** and analysis, optimized rule creation utilizing **Splunk**.
- "Managed **risk registers** and maintained them to address current CVEs at the time."

Freelancing, *Digital Forensics*
Jun 2023 – present
Islamabad, Pakistan
Freelanced in digital forensics projects, specializing in **memory forensics** utilizing **Autopsy** and **Volatility**.

Blue Team Trainer, *Cyber Space Legion*
Sep 2022 – Sep 2023
Islamabad, Pakistan
- Conducted weekly workshops for **40+** attendees integrating red & blue team concepts.
- Developed diverse challenges in **2** categories, namely Digital Forensics & Reverse Engineering, for **NASCON'22.**

Intern Front-End Developer, *Codeaza Technologies*
Jun 2023 – Aug 2023
Islamabad, Pakistan
- Utilized **Vite** with **MERN Stack** to achieve **40%** faster build time and **Tailwind CSS** for **15%** faster load time for user-centric applications.
- Skilled in array of frontend tech including, dynamic paging, private routes, **Redux Store** & **REST APIs**.

Intern Full Stack Engineer, *Winston Marriot Limited*
Mar 2024 – present
Islamabad, Pakistan
Engaged in application development on a Full Stack client project, leveraging **Babylon.js** and **React.js** technologies.

📁 PROJECTS

Crack The Case, *Final Year Project* 🔗
Aug 2023 – Mar 2024
A collaborative, intuitive skill building and corporate training **SaaS** platform for **digital forensics** built leveraging **React/Node Js, Python, Firebase and Google Cloud Platform**.

Spell Bound, *A botnet framework for all your God complex.* 🔗
Dec 2022 – Jan 2023
A GUI based **botnet** with integrated **C2** framework using **FLASK**, **socket.io**, **python** & **C**.

Innocent Shell, *An obfuscated payload generator* 🔗
Nov 2022 – Dec 2022
An **Obfuscated** payload generator & reverse shell creator using **Python**, **C**, and **x86 assembly**.

Port Knocker, *Port Scanner & DOS Script*
Jan 2023 – Jan 2023
An automated python script for **port scanning** and **customizable DOS** attack capabilities.

Difaii (دفاعی)
Nov 2022 – Nov 2022
An artificially intelligent web intrusion detection system using **MITMPROXY** and **Flask** & **python**.

Debit Hub, *Full Stack Mobile Application* 🔗
Apr 2021 – May 2021
Designed an online banking app optimizing transactions, with integrated bill payment for 50+ Pakistani vendors.

📚 COURSES

- Object Oriented Programming
- Networks & Cyber Security I & II
- Data Structures
- Information Security
- Database Systems
- Vulnerability Assessment & Reverse Engineering
- Fundamental of Software Engineering
- Secure Software Design

🔖 CERTIFICATES

Microsoft Certified 🔗
Azure Fundamentals - AZ 900

Certified in Cybersecurity
ISC2-CC

ISO27001 🔗
Information Security Associate

Practical Ethical Hacking
TCM Security

Practical Web App Security & Testing
TCM Security

Practical Guide To SQLMAP 🔗
Cybr

🛠 SKILLS

Digital Forensics | Autopsy | Volatility | Python Scripting | React Js | Docker | Pen Testing | Malware Analysis | Ghidra | IDA

🏆 AWARDS

Winner-Cyber Security Quiz Competition, *NASCON, FAST-NUCES* 🔗 — 19 Mar 2023

Winner Ignite's Digital Pakistan Cyber Security Hackathon 2023, *(Regional), Ignite* — 17 Dec 2023

RunnerUp-Capture The Flag, *(Jeopardy Style - Attack Defense) Cyber Fest, FAST-NUCES* — 04 Mar 2023

Dean's List of Honor, Silver Medalist, *FAST-NUCES*