



Ehsan Raza

Nationality: Pakistani **Date of birth:** 6 Nov 1999

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SKILLS

.NET, ASP.NET, ASP.NET CORE, ASP.NET WEB API, ASP.NET MVC / Visual Studio - Visual Basic.NET / Asp.Net WebForm / LINQ / MSSQL Server / SQL database: queries, stored procedures / HTML, CSS, Javascript, Ajax, JQuery / Bootstrap / XML, JSON / APIs (REST and SOAP) / Postman / Software Security Assessment / Web Development / Cyber Security Operations / Git / Github / TFS / Penetration Testing / IIS Manager / Deployment / Linux / Server Management / Analytical and Research / Searching via Internet (for any kind of Research and especially scientific Research) / LaTeX: used for documents preparation (e.g. reports and presentations). / ENTREPRENEURIAL SKILLS / Management / Angular / SONARQUBE / JIRA: working with Projects and Issues

WORK EXPERIENCE

Dotnet Developer

Techsasoftware [10 Jul 2023 – Current]

City: Islamabad | **Country:** Pakistan

As a .NET Developer at Techsasoftware, I use my expertise in .NET, .NET Core, Angular, SQL, Web-Forms, Angular, HTML, CSS, JavaScript, Bootstrap, jQuery, AJAX, and other technologies in the development of both legacy and modern projects, including:

MyClinic: A legacy hospital management system in Saudi Arabia, developed using the .NET Framework.

Techsacare Ecosystem: A modern project comprising an EHR system (developed with .NET Core), a CMS for health-related articles, and various health-focused mobile applications (backend built using .NET Core Web APIs).

My responsibilities (along with other developers) include:

Developing new features.

Modifying and optimizing existing modules.

Resolving issues and ensuring seamless functionality for both projects.

Cyber Security Analyst & Specialist

Techsasoftware [10 Oct 2023 – Current]

City: Islamabad | **Country:** Pakistan

As a Security Analyst & Specialist at Techsasoftware, I fortify our defenses, ensuring security across physical and digital assets. I manage server and network security, oversee product backups, and draft and implement security policies, safeguarding Techsacare amidst digital challenges.

Researcher

Islamia University of Bahawalpur RYK Campus [1 Oct 2022 – 5 May 2023]

During BS Computer Science, I did research focusing on cybersecurity for my final year project. I worked on bypassing Endpoint Security Protection Solution and Windows security by the use of evasion techniques and demonstrated a practical approach to remote access trojan attacks (**The research paper is finalized and will be published soon**). Additionally, I worked on a semester project related to Intelligent Cyber-Security Systems for IoT-Aided Drones, utilizing machine learning classifiers to design a highly accurate security framework.

Web Developer Intern (Remote)

Oasis Infobyte [1 Dec 2022 – 5 Jan 2023]

It was totally a new experience for me where I learned how real-time websites are developed and managed.

Cyber Hackathon Participant

Ignite and Government of Pakistan [2 Nov 2022 – 6 Nov 2022]

City: Islamabad | Country: Pakistan

It was a unique and thrilling experience for me as for the first time I had participated in such a national event and also got into the semi-final (2nd round) that was held in Islamabad and got 18th position overall in that round. I have deeply explored various areas of cyber security such as cryptography, OSINT, web security, network security, steganography, etc.

Team Leader (Remote)

Huawei Seeds for Future and Tech4Good Program 2022 [1 Oct 2022 – 11 Oct 2022]

It was a short but fantastic experience. I had the opportunity to work with the World's best mentors. I also had the experience of leading an entire team to work for the program. In short, it was an idea-oriented program where each group had to identify a problem and then find the best possible solution for that problem. In the end, we had to present our entire plan to the mentors for evaluation of scores and we stood as runner-up for Pakistan groups.

Cyber Security Intern (Remote)

Cyber Hawks [5 Jun 2022 – 11 Oct 2022]

It was a great experience. I learned a lot regarding the field of cyber security concerning real-life scenarios and problems. Most importantly this experience not only made my concepts regarding cybersecurity strong but also developed a strong grip on the practical aspect of cybersecurity. Skills that I learned during this experience were: Network scanning, Network Penetration Testing, Wi-Fi pen test, Website Pen-Test, OSINT, Forensics, Cryptography, Steganography, and Linux operations.

EDUCATION

BS Computer Science

University: Islamia University of Bahawalpur, Rahim Yar Khan Campus [2021 – 2023]

Website: <https://www.iub.edu.pk/> | Final grade: 3.95 CGPA

BA (English, Math, Computer, Archeology)

University: Taxila Institute of Asian Civilization (Quaid-i-Azam University, Islamabad) [2019 – 2021]

Website: <https://qau.edu.pk/> | Final grade: 4 CGPA

Fsc. (Pre-Med)

College: Khawaja Fareed Govt.P/G College, RahimYar Khan (BISE BWP) [2016 – 2018]

CERTIFICATES

[11 Apr 2024 – Current]

Google Cybersecurity Professional Certificate

Certificate in Cyber Security (NAVTTTC)

Microsoft Certified: Security, Compliance and Identity Fundamentals

EF Standard English Test Certificate (Score: 74/100 | C2 PROFICIENT)

Startup Pakistan Entrepreneurship Training (Cohort 1) 2020

PCAP: Programming Essentials in Python (Cisco Networking Academy)

Certificate in Technical Support (Grow with Google on Coursera)

NDG Linux Essentials (Cisco Networking Academy)

Certificate in Communication & Soft Skills (DigiSkills.pk)

LANGUAGE SKILLS

Mother tongue(s): Punjabi

Other language(s):

Urdu

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user