



Hasnain Bhatti

Cyber Security Analyst

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Summary

Dynamic Cybersecurity and Digital Forensics Analyst skilled in threat detection, incident response, and data protection. Expert in leveraging advanced tools to uncover vulnerabilities and mitigate risks. Known for exceptional analytical abilities and a commitment to enhancing digital security.

Education

Gorvt Hasnain Shaheed no1 Peshawar Peshawar	March 2019 Matric
Peshawar Institute Of Modern Science Peshawar	2021 September ICS
Islamia University Of Bahawalpur Bahawalpur	Nov 21 -Present BS Cyber Security And Digital Forensics

Projects

- **Image and Video Processing Tool-set**
 - Developed a comprehensive image and video processing suite featuring advanced tools for image enhancement and metadata extraction.
 - Included functionalities for improving image quality and extracting metadata such as location, date, and device type.
 - Enabled conversion of images to JPG format for better compatibility and storage efficiency.
 - Designed the suite to streamline media management and enhance visual content.
 - Provided users with powerful tools for optimizing and analyzing their media files.
 - Demonstrated expertise in multimedia processing and a commitment to delivering user-friendly solutions.
- **Whats-app QR Code Exploitation Tool**
 - Developed an engaging web-based tool designed to capture user attention through a spin-to-win mechanism.
 - Created an interactive user experience where participants spin to win a gift.
 - Redirected winners to a page prompting them to scan a QR code from their Whats-app.
 - Demonstrated this tool in controlled, ethical settings to showcase potential vulnerabilities in Whats-app's security.
 - Highlighted the importance of vigilance against phishing attacks through practical demonstration.
 - Emphasized cybersecurity awareness by illustrating real-world implications of security flaws.
- **Web Projects**
 - Engineered a comprehensive Netflix clone replicating essential features such as user authentication and personalized content recommendations.
 - Built an extensive media library to offer users a wide range of streaming content.
 - Leveraged MySQL for efficient management of user data, streaming content, and viewing histories.
 - Ensured a seamless and engaging user experience with advanced database management skills.
 - Demonstrated a strong ability to develop interactive, user-centered applications.
 - Showcased expertise in creating robust, scalable multimedia platforms.
- **DDoS Flooding Simulation Tool for Security Education**
 - Created a Python-based tool for simulating DDoS attacks in controlled environments.
 - Enabled users to perform stress tests on websites to evaluate their resilience and response to flooding attacks.
 - Designed the tool for educational purposes, supporting the understanding and improvement of network security.
 - Adhered to ethical and legal standards to ensure responsible usage.
 - Facilitated hands-on learning for better comprehension of cybersecurity threats.
 - Highlighted the importance of robust defenses against DDoS attacks.
- **Comprehensive Digital Forensics Investigation**
 - Conducted an in-depth digital forensics investigation encompassing multiple facets of data analysis.
 - Performed live memory capture and analysis to uncover volatile data and system activities.
 - Executed detailed hard disk forensics to examine file systems, recover deleted files, and analyze storage artifacts.
 - Conducted thorough mobile forensics to extract and analyze data from mobile devices, including text messages, call logs, and application data.
 - Demonstrated a robust understanding of forensic techniques and tools.
 - Showcased the ability to handle complex investigations across various digital platforms.

Skills

Network Security

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Secure Software Design

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Forensics Analysis and Investigation

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Security of Cyber Physical System

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Pen Testing

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Web Application Pen Testing

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Cryptography

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Information Security

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Web Projects

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python

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c++

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HTML

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CSS

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javascript

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Java

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php

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Data structure and Algorithm

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Artificial intelligence

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Technical Analysis

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Awards

Uncover Digital Forensics

Memory Forensics

Certifications

Certified Ethical Hacking

Pakistan Freelancing Training Program

September 2023

Intreast

Trading

Learning New Skills

Languages

English

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Urdu

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