

Ashar Khalil

Security Engineer

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PROFILE

Ashar is a final-year cybersecurity student at FAST NUCES, specializing in penetration testing, malware analysis, and secure software development. He is working on these subjects and is committed to becoming an expert in the field.

He has gained practical experience through various projects in penetration testing, forensics and OSINT. He is eager to apply his skills to real-world cybersecurity projects and is actively seeking job or internship opportunities.

PROJECTS

Cyber Security

- **Intrusion Detection System** IDS using machine learning that generates 100% true positives for wi-fi attacks.
- **Biometric Hacking App** Proof of concept app for fingerprint feature extraction and best match identification.
- **Secure Chat Application** Chat App using RSA and AES and having a trusted trust party (TTP Server).
- **Blockchain Implementation** in GOLANG.

I am currently doing multiple cyber security projects.

OSINT

- **GreenINT** OSINT tool for Pakistan-based websites that generates a HUMINT report on individuals. Currently Working on it to make it the biggest OSINT tool in Pakistan.
- **Khoji** OSINT tool to download all the previous bitmojis of any Snapchat user.
- **GeoINT on Twitter** Contributed to geolocation tasks of IAF bases and activities.
- **Geo Guesser** Developed a website and community for Geo location challenges related to Pakistan.

PROFESSIONAL EXPERIENCE

CEO @ GreenINT

Founded first ever Pakistan based company that provides OSINT, SOCMINT, GEOINT and IMINIT services.

present

Red Team Trainer @ CYBERSPACE LEGION

Delivered sessions and workshops on penetration testing and also taught OSINT to juniors at CSL.

2021 – present

CTF Coordinator @ NASCON

Made challenges and organized a nationwide cybersecurity CTF with a prize pool of 100,000 PKR.

2023

Intern @ ThincCorp

Hands-on experience with SIEM and various other Blue Team tools.

2022

EDUCATION

BS Cyber Security

FAST NUCES Islamabad

2020 – present

Courses:

• OOP • Data Structures • Assembly Language • Artificial Intelligence • Software Engineering • Information Security
• Cryptography • Malware Analysis • Reverse Engineering • Cloud Security • Digital Forensics • Ethical Hacking.

CERTIFICATES

Automation with Python

Google (Specialization)

Python for Cybersecurity

INFOSEC (Specialization)

Fortinet NSE 1-2-3

Fortinet

Cryptography

University of Maryland

Hardware Security

University Of Maryland

Software Security

University Of Maryland

Practical Web Hacking

TCM Security

OSINT

Bazel Institute

SKILLS (EXPERTISE)

CISSP Security domains • NIST Risk Management • OWASP TOP 10 • Python • Azure • Google Cloud • SQL
Git • Linux • Automation • Selenium • Ghidra/IDA • React JS • Firebase • Networking • Metasploit

AWARDS

My team "Shikray" stood 5th in National Cyber Security Challenge organized by HEC and NCCS.

Recognized in OSINT community for discovering various OSINT techniques for Facebook that can potentially expose confidential data.