Abdul Rafay

Passionate about cybersecurity, dedicated to continuous learning and growth in the field.

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EDUCATION

FAST NUCES Islamabad   Islamabad, Pakistan
Bachelor of Science in Cyber Security   *Aug. 2023 – Present*
CGPA: 3.66/4.00

Bahria College Anchorage   Islamabad, Pakistan
FSC Pre Engineering   *Sep. 2021 – June. 2023*

PROJECTS

Vulnerability Assessment Lab (Metasploitable2) | *Kali Linux, Nmap, Metasploit, Burp Suite, SQLmap*   July 2025

- *Conducted a complete vulnerability assessment on Metasploitable2 using enumeration, web scanning, and service fingerprinting tools.*
- *Gained root access via Metasploit by exploiting vsftpd 2.3.4; confirmed SQL injection in DVWA and extracted database credentials using SQLmap.*
- *Logged into Apache Tomcat Manager using weak credentials, demonstrating potential for WAR shell deployment and remote code execution.*

Enterprise Network Simulation | *Cisco Packet Tracer, Networking*   May 2025

- *Designed and implemented a multi-subnet enterprise network simulation in Cisco Packet Tracer using dynamic routing protocols (EIGRP, OSPF, RIP), route redistribution, and VLSM-based IP addressing.*
- *Configured and verified enterprise-grade services including DHCP, static NAT, ACLs, email, and FTP with access control, simulating real-world network operations and security policies.*
- *Demonstrated end-to-end connectivity, inter-network communication, and service validation through IOS command-line tools (ping, traceroute, show ip route) and troubleshooting.*

EliteBank | *JavaScript, React.js, Node.js, MongoDB, Express*   March 2025 – May 2025

- *Designed and developed a responsive frontend for EliteBank, a role-based banking web application, using **React.js**, implementing modular components and intuitive UI for seamless user experience.*
- *Integrated **user authentication** (login and registration) with secure form validation and API connectivity, laying the foundation for protected routes and role-based access.*
- *Collaborated with a 3-member Agile team using **Figma** for UI design and **Trello** for task management, ensuring smooth communication and structured sprint planning.*

SKILLS

Technical Skills
- ***Tools***: *WireShark, Nmap, JohnTheRipper, LinEnum, NetCat, Burp Suite, Metasploit, Packet Tracer*
- ***Programming Languages***: *C++, JavaScript*
- ***OS***: *Windows, Linux*
- ***Developer Tools***: *Git, VS Code*
- ***Other:*** *MS Office*

Soft Skills
- ***Problem-Solving***
- ***Time Management***
- ***Teamwork and Collaboration***
- ***Communication***

Certifications
- ***Foundations of Cybersecurity – Google (July 2025)***

Cyber Security 101 Path – TryHackMe (July 2025)

Pre Security Path – TryHackMe (June 2025)

Learn React – SCRIMBA (April 2025)

LANGUAGE SKILLS

URDU*: Native*
ENGLISH*: Fluent*