

Abdul Rafay

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

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EDUCATION

FAST NUCES Islamabad

Bachelor of Science in Cyber Security

CGPA: 3.66/4.00

Islamabad, Pakistan

Aug. 2023 – Present

Bahria College Anchorage

FSC Pre Engineering

Islamabad, Pakistan

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