

MUDASSAR SHABBIR

Full-Stack MERN & Flutter Developer | Cybersecurity Enthusiast

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PROFESSIONAL SUMMARY

Security-focused Computer Science student combining full-stack MERN and Flutter development with hands-on cybersecurity skills — penetration testing, vulnerability assessment, incident response, and digital forensics. Experienced in building scalable, secure web and mobile applications aligned with OWASP best practices.

TECHNICAL SKILLS

Programming Languages: Java, C++, JavaScript, Python, PHP, Dart (Flutter)

Development & Systems: MERN Stack (Node.js/React), Laravel/PHP, Flutter, MySQL/SQL, Linux Fundamentals

Cybersecurity: Penetration Testing, OWASP Top 10, Vulnerability Assessment, Cryptography & Secure Dev, Network Security

Security Tools: Kali Linux, Burp Suite, Wireshark, Git/GitHub, Supabase Auth & Security, Splunk, Wazuh

EDUCATION

BS in Computer Science — COMSATS University Islamabad, Wah Campus

2023 – 2027

Intermediate (Pre-Engineering) — Army Public College, Jhelum Campus

2021 – 2023

Matriculation — Bahria Foundation College, Jhelum Campus

2020 – 2021

CERTIFICATIONS

Google Cybersecurity Professional Certificate • IBM Incident Response & Digital Forensics • Hands-On Web Application Pentesting • Practical Splunk for Beginners • Hack the Planet 2–4 Cybersecurity Training Series

PROFESSIONAL EXPERIENCE

Mobile Application Developer & Cybersecurity Manager (Intern) — **Onlinecer Solutions Pvt Ltd** | July 2026 – Present

Serving as Mobile Application Developer & Cybersecurity Manager, applying Flutter development skills alongside cybersecurity best practices to support the company's mobile applications and security operations.

Software Development Intern — Pakistan Aeronautical Complex (PAC), Kamra

Completed a 6-week internship covering aircraft maintenance systems, intranet networking, and ERP integration within a sensitive defense environment.

Built a MERN-stack Job Tracking System with role-based access control and secure authentication; mapped PAC's ERP modules with IT teams to strengthen system alignment and security.

Mediator — Cloud Solutions

Served as technical liaison between software engineers and clients, clarifying security and functional requirements and resolving conflicts to ensure secure project delivery

Security Co-Head / Operations Lead — COMSATS Sports Society

Managed event security and operations for university sports events, ensuring smooth execution while developing problem-solving and leadership skills

TECHNICAL PROJECTS

Web Application Security Testing (OWASP-Focused) — *Node.js, Laravel, PHP*

Conducted hands-on penetration testing on custom web applications; identified authentication and access-control flaws and applied OWASP Top 10 mitigations (CSRF, SQL injection, XSS) with documented remediation guidance.

StreamVault — Video Streaming Platform — *React, Node.js, MySQL, FFmpeg*

Built a video platform with resumable uploads, adaptive HLS streaming, real-time encoding, and JWT-based authentication.

PadelPK — Court Booking Platform — *PHP, MySQL, JavaScript*

Built a secure booking platform with role-based access, real-time slot availability, online payments, and race-safe double-booking prevention.

KnowledgeX — Knowledge Sharing & Request Management System — *Laravel, PHP, MySQL*

Built role-based dashboards with protected content-approval workflows, input sanitization, and OWASP-aligned access control.

AquaFlow — Water Delivery Platform — *Flutter, Supabase*

Built a role-based platform with secure authentication, order management, real-time tracking, and Supabase RLS.

CONNECT — ISP Management System — *Flutter, Supabase*

Developed role-based dashboards, encrypted billing workflows, and Bluetooth-based invoice printing with session-controlled authorization.

INTERESTS & LANGUAGES

Interests: Application Security, Penetration Testing, Secure Software Development, SOC Operations

Languages: Urdu (Native), English (Fluent — Professional Working Proficiency)