

Fareed Akram

Application Security Analyst

 mfareedakram0@gmail.com

 linkedin.com/in/fareed-akram-m

 github.com/cyberbyte0

 cyberbyte0.github.io

EXECUTIVE SECURITY SUMMARY

Application Security Analyst specializing in API and Android security testing across production environments. Experienced in identifying business logic flaws, authorization weaknesses, and client-side trust issues through deep manual testing and automation-driven validation. Strong focus on building scalable security testing frameworks, improving vulnerability detection coverage, and aligning testing strategies with OWASP standards and secure SDLC practices.

CORE SECURITY EXPERTISE

API Security Testing

Dynamic Runtime Analysis

OWASP Top 10

Security Test Framework Design

Android Application Security

Business Logic Testing

OWASP API Top 10

Static Security Analysis

Security Automation

Reverse Engineering

SECURITY IMPACT HIGHLIGHTS

- Performed deep security testing on production APIs, identifying authorization and input validation weaknesses aligned with OWASP API Top 10 risk classes.
- Developed automation workflows using Playwright and Python to simulate real user behavior and improve vulnerability discovery efficiency.
- Conducted Android runtime security testing using Frida instrumentation to analyze sensitive flows and client-side trust boundaries.
- Designed structured security test case frameworks mapped to OWASP risk categories to standardize security testing coverage.
- Contributed to internal security triage and vulnerability validation workflows to improve remediation feedback cycles.

PROFESSIONAL EXPERIENCE

Security Analyst — Dailyrounds / Marrow

Mar 2025 — Present — Bengaluru, India

- Executed advanced API security testing using Burp Suite and Postman across authentication, authorization, and business logic attack surfaces.
- Performed Android static and dynamic security analysis using JADX, Ghidra, and Frida instrumentation.
- Built automation-driven testing workflows using Playwright and Python for repeatable security validation.
- Developed OWASP-mapped security test case repositories to improve consistency across security assessments.
- Supported security vulnerability triage, reproduction validation, and severity classification workflows.

Maintenance & Engineering Technician — Shankar Electrical (SESIPL)

Jun 2024 — Mar 2025 — Bengaluru, India

- Maintained and diagnosed Diesel Generator systems ensuring operational reliability.
- Implemented safety compliance processes and supported engineering maintenance workflows.

Assistant Jr. Linemen (Intern) — APSPDCL

Sep 2021 — Jan 2022 — Adoni, India

- Supported substation operations and electrical distribution maintenance.
- Gained field-level infrastructure and operational safety exposure.

SECURITY PROJECTS

iOS Jailbreak / Sideload Detection Research Tool

- Developed Safari-based detection logic using layered environment validation techniques to identify jailbreak and sideload indicators.
- Focused on client-side security signal detection for mobile web environments.

Microgrid Railway Energy Control System (Academic)

- Designed energy optimization system using microgrid architecture with PV and supercapacitor integration.

SECURITY TOOLS & TECHNOLOGY

Security Testing: Burp Suite, Postman

Mobile Security: Frida, Objection, JADX, Ghidra, ADB

Automation: Python, Playwright

Platform: Linux, Git, Networking

EDUCATION

B.Tech — Electrical & Electronics Engineering

Certifications

- Python Programming — Codetantra (2023)
- Cisco Packet Tracer — Cisco Networking Academy (2021)