Abdulrahman Al-Gharbi

Full Stack Developer | Systems, Networks & Cybersecurity

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SUMMARY

Full Stack Developer and final-year B.Sc. Cybersecurity & Networks student (graduating 2027), delivering secure, end-to-end web and Android solutions, including a multi-tenant Arabic SaaS platform (Next.js, PostgreSQL) and an Android + FastAPI licensing platform. Author of four open-source digital forensics and security tools; 5 pull requests merged into ForensicArtifacts and Velociraptor registry_hunter. Seeking full-time, freelance or internship roles in web/app development, backend and systems engineering, networks & IT, or junior security.

SKILLS

Web & Mobile: TypeScript, Next.js 14, Node.js, REST APIs, HTML/CSS/JavaScript, Kotlin (Android), Arabic RTL interfaces

Backend, Data & DevOps: Python, FastAPI, PostgreSQL, SQL, Docker, GitHub Actions (CI/CD), automated testing, Bash, PowerShell

Networks & Systems: Networking fundamentals, Linux, Kali Linux, Wireshark, Nmap, operating systems

Security & Forensics: Penetration-testing fundamentals (Burp Suite, Metasploit), secure coding (AES-GCM, JWT, RBAC, certificate pinning), Android security, DFIR, EVTX, NTFS $MFT, disk imaging, MITRE ATT&CK, Sigma rules

Working knowledge: C/C++, C#, data structures, algorithms, OOP, reverse engineering (Android basics) | **Learning:** Cloud security, DevSecOps, memory forensics (Volatility 3)

Personal: problem solving, creativity, persistence

PROJECTS

- **Nashiit** (Next.js 14, TypeScript, Node.js, PostgreSQL) - Multi-tenant Arabic (RTL) SaaS for school activity management, built solo. Six-role RBAC, approval workflows, reports, subscriptions and school-year management per tenant; JWT blacklist, rate limiting, magic-byte file validation.
- **HatKart** (Kotlin, FastAPI, PostgreSQL) - Android + backend software-licence platform for markets without payment gateways. AES-GCM + SQLCipher local encryption, Android Keystore keys, certificate pinning, device fingerprinting, APK signature verification.
- **win-ir-triage** (Python) - EVTX parser with 10 Sigma-subset rules mapped to MITRE ATT&CK and bilingual EN/AR HTML reports. Ran on all 278 files of EVTX-ATTACK-SAMPLES: 0 parse errors, 37,364 events.
- **forensic-evidence-toolkit** (Python) - Forensic imaging with chain of custody, NTFS $MFT parser, Volatility 3 wrapper. $MFT output matched an independent parser on 25,408 real records (0 differences).
- **smart-audit** and **BlockSec Auditor** - Solidity static analyser (18 SWC-mapped rules) and read-only EVM node auditor (checked against 241 real Geth releases). Both with Docker, CI and documented validation limits.

OPEN-SOURCE CONTRIBUTIONS

- Velociraptor registry_hunter: WDigest (UseLogonCredential) rule #37; LSA Protection (RunAsPPL) rule #35 - merged
- ForensicArtifacts: PuTTY registry keys #682; WindowsEventTranscriptDatabaseFile #679; AnyDesk and TeamViewer #678 - merged
- SigmaHQ/sigma: MSBuild exec task temporary batch file rule #6458 - open

EXPERIENCE

Secretary, Al-Hamd Mosque, Ibb — Mar 2017 - 2021

Data entry, document management, scheduling, report generation, file organization and administrative support.

EDUCATION

B.Sc. Cybersecurity & Networks, Alqalam University, Ibb, Yemen - final year (Level 4) — 2023 - 2027 (expected)

COURSES & CERTIFICATES

Ethical Hacker (Cisco Networking Academy) | Introduction to Cybersecurity (Cisco Networking Academy) | Junior Penetration Tester (NetRiders Academy) | Reverse Engineering Android Apps (online course) | Dynamic Instrumentation (online course) | Algorithms & Problem Solving (ProgrammingAdvices)

Languages: Arabic, English