



Ichwanul Ammar Alfajri

Cybersecurity Analyst | Security Researcher

Profile

Cybersecurity analyst dengan pengalaman hands-on dalam penetration testing, vulnerability assessment, dan security research. Berhasil mengidentifikasi critical vulnerabilities (CVSS 9.1) pada mobile applications dan menyelesaikan challenging HackTheBox machines hingga level Hard. Memiliki kombinasi technical expertise dan leadership dalam mengkoordinasi tim.

Contact

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TECHNICAL SKILLS

Security Tools: Burp Suite, Frida, JADX, BloodHound, Evil-WinRM, nmap

Programming: Python, Java, C, TypeScript, SQL, PHP

Frameworks: React, Laravel, Tailwind CSS

Platforms: HackTheBox, Android Pentesting, GraphQL Security

Methodologies: OWASP Web/Mobile Testing, Vulnerability Assessment, CTF

TECHNICAL ACHIEVEMENTS

SECURITY RESEARCH & PENETRATION TESTING

Coffee Portal Mobile App Security Assessment | May 2025

- Mengidentifikasi **Critical Account Takeover** (CVSS 9.1) melalui manipulasi shared preferences
- Menemukan **IDOR Vulnerability** (CVSS 7.5) memungkinkan unauthorized cart operations
- Mendeteksi **Integer Overflow** (CVSS 7.5) menyebabkan negative balance dalam financial calculations
- **Tools:** Frida, JADX, Burp Suite, Android Debug Bridge

PixAI Mobile App Security Assessment | June 2025

- Melakukan GraphQL API security testing dan menemukan **Broken Access Control**
- Berhasil bypass premium membership features melalui parameter manipulation
- **Status:** Vulnerability Fixed & Rewarded

HackTheBox Challenge Completion

- **YUMMY (Hard)** - Web exploitation: JWT manipulation, SQL injection, RCE, privilege escalation
- **ADMINISTRATOR (Medium)** - Windows AD attacks: Kerberos, certificate attacks, BloodHound
- **Multiple Easy-Medium machines** dengan berbagai teknik exploitation

PROFESSIONAL EXPERIENCE

PKM Cyber Security Community - SMAN 85 Jakarta | Coordinator Volunteer

- Memimpin **44 volunteer** (4 kelompok @ 11 orang) dalam program edukasi cybersecurity
- Melakukan edukasi kepada **140+ siswa** melalui 5 sesi tatap muka
- Mengkoordinasi divisi Humas dan manage program timeline

Web CTF Platform | Frontend Developer

- Mengembangkan frontend untuk Capture The Flag platform similar to HackTheBox
- **Tech Stack:** TypeScript, Tailwind CSS, React.js, Figma

Web Sequiz - Security Education Platform | Frontend Developer

- Membangun web-based quiz system untuk cybersecurity education
 - **Tech Stack:** Laravel, React.js, PHP, MySQL, Tailwind CSS
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Languages

English: Intermediate

Indonesian: Native

Arabic: Beginner

Education

Bina Nusantara University

Cyber Security

Binusian 2027
