

# NAFHAN SHAFY AULIA

+6281317435345 | ID Line: nafhil2317 | nafhan.sh@gmail.com | [LinkedIn](#) | [Portfolio Website](#)

## EDUCATION

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**Institut Teknologi Bandung | Kota Bandung, Jawa Barat 40132**

**August 2024 - Present**

*Majors in Computer Science, Minors in System and Information Technology*

## TECHNICAL SKILLS

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**Languages (ordered by proficiency):** Python, C, Bash, CSS, Javascript, HTML, Java

**Tools and Frameworks:** Figma, Node.js, React.js, Next.js, MySQL, PostgreSQL, Docker, Git, Github, VSCode, Supabase

**Penetration Testing Tools:** Nmap, Metasploit, Arch Linux, Kali Linux, Burp Suite, Wireshark, Shodan

**Penetration Testing Skills:** XSS. CSRF. SSRF. SQLI. IDOR. OSINT, etc.

## RELEVANT EXPERIENCE / CERTIFICATION / AWARDS

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**Completion of Junior Penetration Tester Certification | TryHackMe**

**June 2024 - July 2024**

- Demonstrated foundational knowledge in ethical hacking methodologies, vulnerability assessment, and penetration testing techniques through practical labs and challenges.
- Gained hands-on experience with tools such as Nmap, Metasploit, Burp Suite, and various reconnaissance techniques.
- Developed a systematic approach to identifying and exploiting common web application and network vulnerabilities.

**CS50's Introduction to Cybersecurity Certification | Harvard University (via edX)**

**May 2024 - Present**

- In progress, completed all the modules. Currently waiting for my last score.
- Actively pursuing comprehensive knowledge in cybersecurity fundamentals and mitigating cyber threats

## PROJECTS

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**Full Stack Website Development Online Cards Game | Google Developer Group ITB**

**July 2025 - August 2025**

- Developed Trufman, a real-time online multiplayer trick-taking card game using React and Supabase (PostgreSQL, Realtime, RLS). Implemented host-authoritative state, presence, and self-learning bot.
- Delivered a production with responsive and beginner-friendly UI layout, keyboard access, and in-game SFX, plus a versioned changelog modal.
- Source code: <https://github.com/nafhansa/Trufman-Prototype.git>
- Related content: <https://trufman.nafhan.space>

**CTF Writeups | Personal Project**

**July 2024 - Present**

- Published 10+ CTF writeups on GitBook demonstrating applied skills in vulnerability analysis, exploitation, gaining foothold, privilege escalation, post-exploitation, findings reports.
- Applied network analysis and web application testing tools (Burp Suite, Wireshark, nmap, gobuster) to identify misconfigurations and security flaws.
- Related Content: <https://renjana.gitbook.io/capturetheflag-pawned>

## COMPETITION PARTICIPATION

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- **Certifications:** Jr. Penetration Tester (TryHackMe), CS50's Introduction to Cybersecurity
- **Bootcamp and Competition Participation:** Participant Bootcamp Capture The Flag HMIF, Participant COMPEST UI Capture The Flag 2024, Participant MCC TECHampion 2025, Champion Business Case Competition at the SxC 14th Grand Summit 2025, Top 5 MCC SxC 14th Grand Summit 2025 Participant COMPEST UI Capture The Flag 2025

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**Penetration Testing Tools:** Nmap, Metasploit, Arch Linux, Kali Linux, Burp Suite, Wireshark, Shodan.

**Penetration Testing Skills:** XSS, CSRF, SSRF, SQLi, IDOR, LFI, RFI, XXE, Authentication bypass (logical flaw), OSINT.

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