



Ali Alessa

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🔗 [GitHub](#) | [Portfolio](#) | [LinkedIn](#)

Professional Summary

Cybersecurity-Oriented Full-Stack Developer with a B.Sc. in Computer Science (Honors) and hands-on experience in secure web applications, penetration testing, and digital forensics. Skilled in building scalable, database-driven systems while applying secure coding, vulnerability assessment, and cloud fundamentals (AWS). Passionate about delivering innovative, secure, and user-friendly solutions that bridge software development and cybersecurity.

Education

Bachelor of Computer Science (With Honors)

Umm Al-Qura University | 2020 – 2024

Technical Skills

- **Cybersecurity & Forensics:** Kali Linux, Nmap, Burp Suite, Wireshark, John the Ripper, Autopsy, FTK
- **Web Development:** HTML, CSS, JavaScript, PHP, Bootstrap
- **Programming Languages:** Python, Java, C++
- **Databases:** MySQL, SQL
- **Networking & Cloud:** Cisco Packet Tracer, AWS (EC2, S3, IAM basics), vulnerability scanning
- **Other Tools:** Git, VirtualBox, XAMPP

Professional Experience

Full-Stack & Security Developer – Saudi Marketing Company (Farm Superstores), Dammam

2024 – Present

- Designed and developed **Muhaqiq**, an internal case-management web application with secure data handling.
- Built responsive front-end (HTML/CSS/JS) and PHP/MySQL backend.
- Implemented **role-based access control (RBAC)** and input validation to protect sensitive data.
- Collaborated with stakeholders to improve scalability, usability, and efficiency across departments.

IT Intern – Smart Methodes, Makkah

2023

- Assisted in developing internal web tools using HTML, CSS, and JavaScript.
 - Supported basic vulnerability checks and code reviews under senior developer guidance.
 - Documented improvements with a focus on security-oriented enhancements.
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Projects

- **Kali Linux Security Lab** – Built a sandboxed penetration testing environment with Nmap, Burp Suite, and John the Ripper; performed packet analysis and vulnerability scanning.
 - **Computer Forensics Training** – Recovered and analyzed deleted data using Autopsy and FTK on Linux.
 - **Surgipro Booking System** – Developed a PHP/MySQL hospital room booking app with responsive design and secure database integration.
 - **Portfolio Projects** – aliraleissi.github.io
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Volunteering

Organizing Team Member – Qunfudhah Job Fair

- Contributed to planning, coordination, and execution of the event as part of the core team.
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Certifications

- **Cybersecurity Foundations** – Saudi Federation for Cybersecurity, Programming & Drones (SATR)
 - **Linux Certification** – SATR
 - **CompTIA Security+ (in progress)**
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