

# Essam Abo Elmgd

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Portfolio | LinkedIn | GitHub | TryHackMe

## Professional Summary

Aspiring SOC Analyst and Full-Stack Web Developer with expertise in SIEM tools, penetration testing, and secure web application development. Seeking to leverage skills in artificial intelligence and cybersecurity to protect and optimize digital systems.

## Skills

Cybersecurity & SOC Analysis	Threat monitoring, incident response, log analysis, SIEM (Splunk, ELK Stack), network security.
Penetration Testing & Tools	Kali Linux, Wireshark, Metasploit, Burp Suite, Nmap.
Web Development	JavaScript, PHP, Node.js, React.js, Bootstrap, HTML, CSS.
Databases	Git, SQL, database security.
AI & Data Science	Machine learning basics, Python, C++.
Soft Skills	Problem-solving, teamwork, critical thinking, adaptability.
Languages	Arabic (Native), English (Fluent).

## Experience

2021–Present	<b>Full-Stack Developer (Freelance)</b> <ul style="list-style-type: none"><li>Developed full-stack web applications using React.js, Node.js, and Bootstrap, increasing client satisfaction by 25%.</li><li>Enhanced web security to prevent SQL Injection, reducing vulnerabilities by 30%.</li><li>Delivered tailored solutions to diverse clients, ensuring data security and high performance.</li></ul>
2024–Present	<b>Virtual SOC Lab Project (Personal)</b> <ul style="list-style-type: none"><li>Configured a virtual SOC environment using Splunk and Kali Linux to simulate threat detection and incident response.</li><li>Analyzed over 1,000 logs daily, improving log analysis and threat detection skills.</li></ul>
2023–Present	<b>CTF Participant, TryHackMe</b> <ul style="list-style-type: none"><li>Participated in Capture The Flag (CTF) challenges focusing on cryptography, forensics, and penetration testing.</li><li>Solved over 20 security challenges in ethical hacking, malware analysis, and vulnerability exploitation.</li><li>Gained hands-on experience with tools like Nmap, Burp Suite, Metasploit, and Wireshark.</li></ul>

## Education

Expected 2028	<b>Bachelor of Artificial Intelligence, Kafr Elsheikh University</b>
Expected 2025	<b>Diploma in Cybersecurity (SOC Analyst), Online Training Platform</b>

## Certifications

- 2023 Digital Egypt Cubs Initiative – Level Two, Ministry of Communications and Information Technology
- Details Gained practical experience in cybersecurity fundamentals and network analysis.

## Projects

### Educational Platform for a Teacher

- Developed a custom platform for managing courses, students, and interactive quizzes.
- Built using HTML, CSS, JavaScript, PHP, MySQL, and Bootstrap, with a secure database supporting 500+ student records.
- Implemented an interactive dashboard, reducing course management time by 20%.

### E-commerce Store for a Client

- Created a fully functional e-commerce store with product listings, shopping cart, and checkout system.
- Used HTML, CSS, JS, PHP, MySQL, and Node.js, integrating a secure Stripe payment gateway.
- Supported 1,000+ concurrent users, with inventory and promotion management systems.

### Personal Portfolio Website for a Client

- Designed a modern, professional website showcasing the client's work and resume.
- Built using HTML, CSS, JS, PHP, and Bootstrap, with MySQL for dynamic content updates.
- Added a contact form and user-friendly admin panel for content management.

## Technical Tools & Platforms

- SIEM & Security Tools IBM QRadar, Wireshark, Metasploit, Burp Suite, Nmap.
- Development Tools Git, VS Code, Docker, PyCharm, Anaconda.
- Cloud Platforms Microsoft OneDrive, Google Cloud.
- Networking & System Administration Linux, Firewalls, VPN, Active Directory.