

Gouda Nasrallah

Full-Stack Developer | Offensive Security Researcher | AI Engineer

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Professional summary

Self-taught full-stack developer and offensive security practitioner who also builds AI systems. Develops web platforms with React, Next.js, Laravel, and Python, runs reconnaissance, scanning, and exploitation work, and connects LLM, VLM, speech-to-text, and text-to-speech models into working products. Has built 15 projects across security tooling, e-commerce, education, and AI, and presents technical work at live events.

Technical skills

Front end: HTML, CSS, JavaScript, React, Next.js, Bootstrap, Tailwind CSS, Three.js, scroll-based animation libraries, Chart.js, PWA

Back end: PHP, Laravel, MySQL, Python

Fundamentals: OOP, data structures and algorithms, Bash and shell scripting

Reconnaissance and OSINT: Intelligence-style OSINT, subdomain and asset discovery, WHOIS/RDAP, WhatWeb, Dig

Scanning and exploitation: Nmap, Netdiscover, Metasploit, Searchsploit, Python exploit scripting, subdomain takeover checks

Web and system security: OWASP Top 10, OS and server vulnerabilities, advanced social engineering, OPSEC with proxies, VPNs, and Tor, reverse engineering (foundational)

AI engineering: Prompt engineering, fine-tuning LLM and TTS models, end-to-end integration of LLM/VLM, STT, and TTS with synchronized animation, Gemini and Groq APIs

Achievements

- Reported a Broken Access Control vulnerability in Sky UK through a bug bounty program.
- Presented at national events, including Cairo ICT and Cairo University.

Education

Business Information Systems

Currently studying

WE School of Applied Technology

Graduate, final score 84%

Selected projects

AI products

Ader, AI platform for site building and sales automation

<https://ader-lyart.vercel.app/>

- Builds websites and automates commerce, with a sales assistant that runs 24/7.
- Adds market strategy analysis and an interactive operations dashboard.

Mithaq, AI contract drafting platform

<https://mithaq-lovat.vercel.app/>

- Drafts commercial and civil contracts with AI and checks them for legal gaps.
- Includes legal consultations and an Egyptian legal library.

Telegram_bot, sales and support assistant

github.com/GoudaWolfDev/Telegram_bot

- Handles sales and customer service on Telegram with Gemini and Groq, keeps conversation memory, and logs chats to a dashboard.

Security tools

SubScope, subdomain and attack surface scanner

github.com/GoudaWolfDev/SubScope

- Collects subdomains from multiple sources, checks for subdomain takeover, and runs fast port scans and WHOIS/RDAP lookups.
- Exports results as HTML, CSV, and JSON reports.

SCANET, network reconnaissance framework

github.com/GoudaWolfDev/SCANET

- Built on Nmap and Netdiscover, with vulnerability checks, a web interface, and JSON reports.
- SCANET-Web (github.com/GoudaWolfDev/SCANET-Web) adds Whois, Dig, and WhatWeb with automated analysis of their output.

AlphRecon, web OSINT tool

github.com/GoudaWolfDev/AlphRecon

- Gathers names, accounts, and emails across multiple platforms, with local storage and a dark interface.

Education platforms

APT Academy, ethical hacking and cybersecurity platform

- Teaches the hands-on course "Hacker's Code", from zero to an attacker's mindset.
- Issues certificates verified by QR code and provides exclusive tools.

WolfLab, OWASP Top 10 training lab

github.com/GoudaWolfDev/WolfLab

- Contains deliberately vulnerable code, including SQL injection, with a fix explained for each issue, in Arabic and English.

Other projects

- HMS, agricultural engineering and smart farming platform: blanchedalmond-zebra-707075.hostingersite.com
- NexTech, PHP and MySQL e-commerce store for tech hardware with an admin dashboard: github.com/GoudaWolfDev/NexTech
- TechPlus, tech store with a Chart.js admin dashboard for products and orders: github.com/GoudaWolfDev/TechPlus
- nove-store, 12-page storefront in plain HTML, CSS, and JavaScript with dark and light modes, Arabic and English, multiple currencies, and PWA support: github.com/GoudaWolfDev/nove-store
- flame-bites, restaurant ordering site with menu, cart, and table booking: github.com/GoudaWolfDev/flame-bites
- Free_Portfolio, Three.js cyberpunk portfolio template: github.com/GoudaWolfDev/Free_Portfolio

Soft skills

Communication, public speaking, presentation skills, leadership, teamwork (can lead a team and work under direction), interpersonal collaboration.

Languages

Arabic (native), English (B2, professional working proficiency).