Seif Eldien Ahmad Mohammad

Python & Software Developer

📧 seifahmed7293@gmail.com 📱 +20 100 800 5482 📍 Fayoum, Egypt 🌐 Portfolio 💻 github.com/SeifEldienAhmad

🔗 LinkedIn

PROFESSIONAL SUMMARY

Detail-oriented Software Developer and B.Sc. Mathematics & Physics student with hands-on expertise in Python development, automation scripting, Linux systems, and web applications. Experienced in designing AI-powered local tools, building automated security & system workflows, and creating responsive web interfaces using modern frameworks and Git workflows. Combines analytical problem-solving skills with strong computational foundations to build efficient, scalable software solutions.

TECHNICAL SKILLS

Languages: Python (Intermediate), Bash Scripting, HTML5, CSS3, JavaScript (Basics), Java (Basics)

Tools & Version Control: Git, GitHub, Linux Terminal, Visual Studio Code, Docker (Basics)

Web Development: Next.js / React (Portfolio), Vercel Deployment, RESTful APIs, Web Architecture

Systems & Networking: Linux Administration (Ubuntu/Kali), Active Directory, TCP/IP, DNS, Networking

FEATURED DEVELOPMENT PROJECTS

ghost0 Assistant — AI-Powered Local Assistant

Python / LLM Integration / Automation

- Architected an AI-driven terminal assistant integrating local LLMs for command execution and workflow orchestration.
- Engineered automated attack chain building, tactical knowledge management, and task parsing modules in Python.
- Designed structured JSON and CLI interaction protocols to streamline tool orchestration and execution output.

Personal Developer Portfolio & Web Application

Next.js / React / Vercel / CSS

- Designed and deployed a responsive developer portfolio web app hosted on Vercel (seifeldienahmad-portfolio.vercel.app).
- Implemented interactive UI components, terminal-styled design elements, project write-up integrations, and contact workflows.

System & Security Automation Repositories (MyBashScripts / Python Utilities)

Python / Bash / System Admin

- Developed modular Bash scripts for system maintenance, log parsing, automated setup, and administrative task execution.
- Built custom Python tools for network socket scanning, automated data collection, and system resource monitoring.

EXPERIENCE & PRACTICAL TRAINING

Young Cyber Knights Foundation — **Technical Intern** 09/2025 – 10/2025 | Remote

- Collaborated on security assessment automation scripts and documentation for system vulnerabilities.
- Assisted in analyzing web application workflows, identifying OWASP top vulnerabilities, and verifying fixes.

National Telecommunication Institute (NTI) — **IT & Security Trainee** 08/2025 – 09/2025 | Egypt

- Built Active Directory environment automation scripts and configured simulated network infrastructures using Cisco tools.
- Conducted web application security testing and hardening on WordPress and custom web apps.

EDUCATION

B.Sc. in Mathematics & Physics

Faculty of Science, Fayoum University

Expected Graduation: July 2027

CERTIFICATIONS & COURSES

- **Python Essentials 1 & 2:** Cisco / Python Institute
- **Networking Essentials:** Cisco Networking Academy
- **Jr Penetration Tester Path:** TryHackMe