

Hani Hazem Elbegermy

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 Hany-hazem

Profile

A **proactive and self-driven individual** with a strong passion for technology and hands-on problem-solving. Continuously engaged in personal projects, including **Linux system administration**, **full-stack application development**, and **AI agent creation**, to expand technical skills and explore new concepts. Eager to contribute a blend of practical experience and a commitment to continuous learning to a dynamic role.

EDUCATION

Bachelor's Degree in Computer Science, Arab Open University

09/2020 – Present

Cairo, Egypt

TECHNICAL SKILLS

Operating Systems

Linux, Windows

Programming Languages

Python, Java, C#

Database Experience

Supabase (still learning)

Web Technologies

Web Development Concepts, SaaS Architecture

Automation & Scripting

System Automation, Custom Scripting

AI/ML Tools

LM Studio (learning)

LANGUAGES

- English
- Arabic

SOFT SKILLS

- Problem Solving
- Strong Initiative & Self-Motivation
- Time Management
- Adaptability & Quick Learning
- Critical Thinking

Projects

SaaS Task Management Application (In Development)

07/2025 – Present

Currently developing a **Software as a Service (SaaS)** application for task management within a translation company. This project involves designing a system to assign and track tasks for multiple users, utilizing **Python Flask** and **Node.js** for backend development, and **Supabase** for database management. It demonstrates my ability to build scalable software solutions and manage complex workflows.

AI Personal Assistant Agent (In Development) , <i>side project</i>	07/2025 – Present
Currently developing a personal AI assistant agent with PC access capabilities. This project focuses on automating tasks and providing intelligent assistance, utilizing Python for scripting and control, and LM Studio for local large language model integration. It highlights my interest in AI, system automation, and innovative problem-solving.	
Server, home server	01/2025 – Present
Set up and maintained a home server using a repurposed PC, ensuring continuous operation and utilizing Linux for server management	
YouTube Downloader	08/2024 – 09/2024
Developed a custom Python script for automated YouTube video downloads, demonstrating proficiency in scripting and task automation.	