

# NOUR GHALY

Computer Science Student | Backend & Full-Stack Developer

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## PROFESSIONAL SUMMARY

Motivated 3rd-year Computer Science student at Zagazig University (GPA: 4.3) with hands-on experience in backend development, full-stack web applications, and software engineering. Completed intensive training programs at ITI, ITIDIA, and NTI, and earned certifications in Python, AI, and software development. Developed multiple real-world projects including a healthcare web application and a full e-commerce platform. Passionate about applying technology to solve practical problems in the telecommunications and IT sectors. Seeking a Summer Internship at WE (Telecom Egypt) to contribute to digital transformation initiatives and gain corporate telecom experience.

## EDUCATION

**B.Sc. in Computer Science – Zagazig University, Faculty of Science** *Oct 2023 – Jul 2027*

- Current GPA: 4.3 / 5.0 — Excellent standing
- Relevant coursework: Data Structures, OOP, Databases, Computer Networks, Computer Architecture, OS, Advanced OS, Graphics, Algorithms

## TRAINING PROGRAMS & CERTIFICATIONS

**NTI (National Telecommunications Institute) — Full-Stack Web Development Training** *Apr 2026 – Jun 2026*

- Intensive government-accredited program focused on full-stack development
- Currently building a complete E-Commerce web application as a graduation project
- NTI is supervised by the Ministry of Communications and Information Technology (MCIT)

**ITI (Information Technology Institute) — Software Development Track** *2025*

- Completed software development training; earned Python Programming Certificate
- Gained structured exposure to professional software engineering practices

**ITIDIA — Digital Innovation & AI Training** *2025*

- Completed AI-focused training covering machine learning fundamentals and applied AI

**NVIDIA — AI & Deep Learning Courses** *2025*

- Completed AI and deep learning courses through NVIDIA's online learning platform

**Ministry of Youth & Sports — Digital Skills Program** *2026*

- Completed certified courses in AI fundamentals and front-end development
- Attended a major AI exhibition event at the Fifth Settlement (Cairo) — exposed to cutting-edge AI and telecom industry innovations

**Cisco — Python Programming Essentials Certificate** *2025*

- Earned Python certificate from Cisco Networking Academy

**Soft Skills & Freelancing Courses** *2026*

- Completed Soft Skills course — Grade: Excellent
- Completed Freelancing course covering professional communication and project management

**English Language Course (A2 Level)** *2024*

- Completed 54-hour English language course — Grade: Excellent

## PROJECTS

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### Tabyan — Healthcare Prescription Management System

2025

*Team Project | Python · Django · Backend Development · Healthcare IT*

- Co-developed a web application that digitizes medical prescriptions to reduce pharmacist reading errors
- System allows doctors to enter patient and prescription data; output is generated as a QR barcode for pharmacists to scan accurately
- Addressed a real-world healthcare problem, demonstrating systems thinking and problem-solving skills
- Relevant to WE's digital health and e-government transformation initiatives

### E-Commerce Platform (ITI Graduation Project)

Apr 2024 – Jun 2024 (Ongoing)

*Full-Stack | Django · PostgreSQL · HTML/CSS · Backend APIs*

- Building a complete e-commerce web application as part of NTI government training program
- Responsible for backend architecture, database design, and REST API development
- Implementing product catalog, order management, user authentication, and inventory modules

### Coffee Shop E-Commerce Website

2024

*Full-Stack | Django · PostgreSQL · pgAdmin 4 · HTML*

- Designed and developed a fully functional online store for coffee product sales
- Built RESTful backend with Django; designed relational database schema using PostgreSQL via pgAdmin 4
- Delivered complete product management, shopping cart, and order tracking features

### Supermarket Inventory Management System

2024

*Python | OOP · Data Structures · Terminal Application*

- Built a terminal-based supermarket management system using Python and OOP principles
- Implemented product listing, inventory tracking, and basic reporting features
- Demonstrated ability to design clean, modular code architecture

## TECHNICAL SKILLS

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**Programming Languages:** Python, C++, SQL, HTML, CSS

**Backend Frameworks:** Django (REST APIs, ORM, Authentication, MVC)

**Databases:** PostgreSQL, pgAdmin 4, SQL (beginner–intermediate)

**AI & Data:** Machine Learning fundamentals, Deep Learning basics (NVIDIA), MATLAB

**Networking & Systems:** Cisco Packet Tracer, Computer Networks basics, Computer Architecture

**Tools & Platforms:** Git, GitHub, VS Code, pgAdmin 4, Linux (basic)

**Web Development:** Full-stack (Django + PostgreSQL + HTML/CSS), RESTful APIs

## SOFT SKILLS

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Problem-Solving | Teamwork & Collaboration | Time Management | Communication | Working Under Pressure | Adaptability | Continuous Learning

## ACTIVITIES & INTERESTS

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Software Development | AI & Emerging Technologies | Open-Source Contribution | Literature & Translation | Environmental Conservation | Yoga & Wellness | Travel