

Ahmed Hosam

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SUMMARY

Motivated IT student with hands-on experience in backend development using Laravel and Node.js. Skilled in building real-world systems like CMS and POS, and always eager to grow through practical learning and collaboration.

SKILLS

Languages: JavaScript (Node.js, TypeScript), Python, PHP, Java, C/C++, SQL

Frameworks: Expressjs, Laravel, Django, FastAPI

Databases: MySQL, PostgreSQL, MongoDB

Core Computer Science: Object-Oriented Programming (OOP), Data Structures & Algorithms, Design Patterns, Network Basics

Development Practices & Tools: RESTful APIs, Secure Development Practices, Git & GitHub, Docker, Linux, NixOS

Frontend & Design: Graphic Design, UI/UX, HTML/CSS, Tailwind, Astro

Soft Skills: Effective communicator and team player with proven planning and problem-solving skills, demonstrated through real freelance projects and group work.

PROJECTS

Content Management System my-github/ocms

- Developed a CMS API for my university using Express.js, featuring secure authentication, role-based authorization, and core content management capabilities.
- Tools Used: JavaScript, Node.js/Express.js, MongoDB, Docker

Banking System my-github/BankingSystem

- A Java-based banking Desktop application with a NetBeans-built GUI, supporting essential operations including transfers, deposits, and withdrawals.
- Tools Used: Java, MySQL, NetBeans GUI

Expenses & Income Tracker my-github/expin-tracker

- A web application built with Python/Django to record and manage income and expenses, storing data in MySQL and presenting it with a Bootstrap-based interface. Hosted on AWS.
- Tools Used: Python, Django, PostgreSQL, HTML, CSS

More projects are available on my GitHub ahmedhosam-dev

EXPERIENCE

Backend Engineer, Zed – Giza, Egypt Dec 2024 – Mar 2025

- Built the backend for a POS and inventory system used by a retail company to track products across multiple branches and warehouses. The system also included reporting tools that gave the team insights into sales and stock levels.
- Responsible for the entire backend development using Laravel 11 to create RESTful APIs with MySQL. I collaborated closely with the frontend developer to define API endpoints and make sure the frontend and backend worked seamlessly together.
- Deployed the project on Hostinger and regularly shipped updates, including performance improvements and small fixes. We used Git for version control and to keep our workflow organized.

EDUCATION

October Technological University, Bachelor of Technology in IT

Oct 2022 – Jun 2026

- GPA equivalent: 82% (Very Good)
- **Coursework:** IT Fundamentals, Software Engineering, Web & Mobile Development, Database Systems, Programming, Network Programming, Computer Graphics

CERTIFICATES

- Backend Engineering with NodeJS – *Manara* | (View)
- Backend Development and APIs – *Freecodecamp* | (View)
- Career Essentials in Software Development – *Microsoft (via LinkedIn)* | (View)
- Digital Agriculture Program – *FA Model*
- Wireless Communication for IOT – *ITI & FA Model*

LANGUAGES

- Arabic – Native
- English – Professional working proficiency