Hosam Semry
Full-Stack Developer

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PROFILE

Full-Stack Developer experienced in Python, Django, Flask, Node.js, React, Next, Tailwind, Bootstrap MySQL, PostgreSQL, and MongoDB. Built and deployed multiple real projects. Comfortable working independently or in a team, with strong communication skills and a strong problem-solving mindset.

WORK EXPERIENCE

Full Stack Developer at Alalnada (Live Site)   May 2025 – Aug 2025

- Developed a multilingual brand showcase website for Alalnada to display their product lines.
- Optimized backend performance by implementing in-memory caching in the products page.
- Reduced SQL queries from $22 \rightarrow 2$, improving endpoint performance by 83% (4.86 ms to 0.85 ms).

EDUCATION

Python Full Stack Web Development — ITI   Nov 2024 – Apr 2025

Webify: (GitHub)   (Live Site)

- Built a full-stack multi-vendor E-commerce platform with dashboards for admins and sellers.
- Implemented secure role-based authentication with JWT and Google OAuth.
- Integrated Paymob for seamless and secure payment processing.

Technologies: Django REST Framework, JWT, Google Auth, React, Redux, Bootstrap, Git

Bachelor's Degree in Computer Engineering, Mansoura University   Sep 2019 – Jun 2024

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, TypeScript
- **Frameworks:** Django, Flask, Express.js, React.js, Next, Tailwind, Bootstrap
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Tools / Technologies:** Node.js, Git, Docker, Celery
- **Programming Concepts:** OOP, REST APIs, MVC, SOLID Principles

PROJECTS

Multi-Tenant E-commerce Platform (GitHub)

- Built a multi-tenant E-commerce platform supporting multiple independent stores with isolated users, products, and orders.
- Integrated Paymob payments, Celery tasks, and a scalable modular architecture.
- Containerized the entire project using Docker.

Technologies: Django REST Framework, PostgreSQL, Celery, Redis, Docker, Djoser, JWT, Git

Ask-hs (GitHub) (Live Site)

- Built a community-driven platform for asking questions, posting answers, and following users.
- Implemented real-time notifications using Django Channels and Redis.
- Used Render for deployment and AWS S3 for media storage.

Technologies: Django, Django Channels, Redis, Daphne, PostgreSQL, Bootstrap, Git