

# Hosam Semry

Full-Stack Developer

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## PROFILE

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Full-Stack Developer experienced in Python, Django, Flask, Node.js, React, Next.js, 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

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### Full Stack Developer at Al-Alanda (Live Site)

May 2025 – Aug 2025

- Developed and launched a multilingual showcase website, with six months of ongoing support.
- Optimized backend performance by implementing in-memory caching in the products page.
- Reduced SQL queries from 22 → 2, improving endpoint performance by 83% (4.86 ms to 0.85 ms).

## EDUCATION

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### 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

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

## PROJECTS

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### 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