



# Hosam Semry

## Backend Developer

✉ semryhosam@gmail.com ☎ 01092155992  LinkedIn  Github

### Profile

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I am a recent graduate with strong knowledge of web development using Django, Django REST framework, React, and database management systems (MySQL, PostgreSQL). I enjoy working in team environments—whether taking the lead or collaborating as a team member—and I'm eager to contribute to meaningful, innovative projects. I'm passionate about learning and always looking to expand my skill set by exploring new tools and technologies.

### Internships

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Nov 2024 – Apr 2025

#### Intensive Training Program (ITP)

Python Full Stack Web Development Track,  
Information Technology Institute (ITI), Zagazig branch.

##### Projects:

- **E-commerce Website:** (Github )

Technologies: React, Redux, Bootstrap, and Json server

- **Crowdfunding Website:** (Github )

Technologies: React, Redux, Bootstrap, Django REST framework, and PostgreSQL

### Education

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Sep 2019 – Jun 2024

#### Bachelor's degree in Computer Engineering

Faculty of Engineering • 2024 • GPA: 3.5/4

- **Graduation project:** Automated system for parking.
  - Developed a comprehensive system for automated parking management.
- **Grade:** A+

### Projects

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Oct 2024 – Nov 2024

#### Social Media API

Github 

- **Implemented secure user authentication and registration** using Django and dj-rest-auth, with support for profile creation and updates.
- **Developed a robust post management system** with full CRUD capabilities, enabling users to create, update, delete, and view posts.
- **Designed and integrated a user follow system**, allowing users to follow/unfollow others and view real-time follow status.
- **Enhanced search functionality** by enabling efficient profile lookup based on usernames and display names using Django ORM filtering.

**Technologies:** Django, Django Rest Framework, Python, PostgreSQL, Git

Jun 2024 – Jul 2024

**E-Commerce API**

Github [↗](#)

- **Developed a RESTful API** with user management features, including registration, authentication, and profile handling using Django.
- **Implemented a dynamic product catalog** with full CRUD support for products, collections, and images, along with a shopping cart system for managing item quantities.
- **Built an order management system** supporting order creation, item tracking, and real-time status updates.
- **Integrated a product review module** enabling users to add, edit, delete, and view product reviews.

**Technologies:** Django, Django Rest Framework, Python, PostgreSQL, Git

**Technical Skills**

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**Programming Languages**

Python, Javascript

**Backend Frameworks**

Django, Django-REST-Framework, Flask

**Databases**

PostgreSQL, MySQL

**Frontend Framework**

React, Bootstrap

**Tools**

Git, Docker

**OS**

Linux

**Soft Skills**

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- **Problem-Solving**
- **Critical Thinking**
- **Adaptability**
- **Communication**
- **Teamwork**
- **Self-learning**

**Languages**

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- English (Proficient)
- Arabic (Native)