ISLAM HAMDY

Backend developer

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Profile Summary :

Highly technical Backend Developer proficient in Python (Django), JavaScript (React/React Native), and Database Design. Strong foundation in DevOps practices using Docker, Linux, and Git. Dedicated to building scalable, data-driven applications with a focus on performance optimization and efficient API architecture.

Skills :

languages :
- Python
- JavaScript
- HTML5
- CSS3
- SQL

Frameworks:
- Django
- React
- Bootstrap
- Django rest framwork

Databases:
- PostgreSQL
- MySQL
- SQLite
- Redis

Tools & DevOps:
- Docker
- Git
- Linux
- caching
- ajax
- Postman
- Chart.js
- docs
- deployment
- celery
- stripe
- deploy

Education

- **Bachelor of arts from helwan University**   **2021-2024**
- A backend course using django from ITI
- A frontend course using react from tarmeez academy at udemy
- A data bases course using postgresql from udemy

My projects

- **Amazon Clone :**
  - https://github.com/Islam412/Amazon-Clone
  - **Full-Stack Web Application**:
    Developed a comprehensive e-commerce platform using Django (Backend) and JavaScript (Frontend).
    Integrated Stripe API for secure payment processing and implemented a dynamic shopping cart and order management system.
    Utilized Docker and Docker Compose for containerization and seamless deployment.
    Optimized performance with Celery and Redis for asynchronous background tasks.
    Make api using Django rest framework

- **Facebook & messenger Clone :**
  - https://github.com/Islam412/Facebook-Clone
  - **Facebook Clone (Full-Stack)**
    Built a social media platform using Django and JavaScript, featuring user authentication and dynamic content feeds.
    Designed a responsive UI with SCSS, ensuring high-fidelity replication of the Facebook desktop and mobile experience.
    Managed data persistence and backend logic using Python/Django, focusing on clean code and scalable architecture.

- **Payment system :**
  - *https://github.com/Islam412/Payment-system*
  - **Full-Stack Payment System**
    Technical Summary:
    Backend Architecture: Developed a secure and scalable payment processing system using Django and Django REST Framework (DRF).
    Payment Integration: Integrated third-party payment gateways (such as Stripe or PayPal API) to handle secure online transactions and automated billing.
    Core Functionalities: Engineered features for transaction tracking, payment status management (Pending, Success, Failed), and automated invoice generation.
    Database & Security: Designed a robust database schema using PostgreSQL/SQLite to ensure data integrity and implemented high-level security measures for sensitive financial data.
    API Development: Built a set of RESTful APIs to allow seamless integration with frontend applications or third-party services.

Explore my full portfolio and additional projects on GitHub :
https://github.com/Islam412

- **Contact us :**
  - **LinkedIn :** *https://www.linkedin.com/in/islam-hamdy-62a94826b/*
  - **Facebook :** *https://www.facebook.com/share/1BfXj7LhvQ/*
  - **Gmail :** *islam.124.hamdy@gmail.com*