Abdullah Kamal

Software Engineer

✉ abdullah.kamal0x01@gmial.com   📞 +201147301642   📍 Egypt   in ak4m410x01   ⭘ ak4m410x01

🪪 PROFILE

Hi,... My name is **Abdullah Kamal**, I'm a **Software Engineer** specializing in **Backend Development** with Python Web Frameworks such as Django, Flask, and FastAPI, I bring a wealth of expertise in areas including Web & API development, Databases, Networking, Linux System Administration, and Web Penetration Testing. I Participated in an ECPC competition for Problem Solvers after solving 1.5K problems with different online judges like *CodeForces* ↗ , *LeetCode* ↗ , and *HackerRank* ↗ . Passionate about Clean Code, Problem-Solving, Debugging, and continuously learning new technologies.

🎓 EDUCATION

Bachelor of Computer Science   09/2020 – 07/2024
Faculty of Computers and AI / Sohag University ↗   Sohag, Egypt

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🧠 SKILLS

Programming Languages
(Python, PHP, C++, Bash Scripting, SQL)

Conceptual Knowledge
(OOP, Data Structures, Algorithms)

Web Frameworks
(Django, Flask, FastAPI)

Database
(MySQL, PostgreSQL, ORM)

Tools
(Git, Github, Docker, Kubernetes, VSCode, PyCharm, AWS, Azure)

Soft Skills
(Problem-solving, Clean Code, Troubleshooting, Debugging, Review Code, Documentation)

Operating Systems
(Linux, Windows)

📂 PROJECTS

TODO API ↗
TODO API Project - Django Rest Framework & PostgreSQL

   Key Features:

- **Django Rest Framework**: Implemented RESTful endpoints to facilitate seamless communication between the front and back end, ensuring optimal performance and scalability.
- **PostgreSQL Database**: Designed and maintained a PostgreSQL database to store and manage TODO tasks efficiently, ensuring data integrity and reliability.
- **User Authentication**: Implemented secure authentication mechanisms using Tokens to control access to the TODO API, prioritizing data security and privacy.

♥ VOLUNTEERING

IT Instructor ⧉   12/2022 – present
ATHAR Team   Sohag, Egypt
  Help Students improve their IT Skills through workshops
  - **Network Workshop** (Network Fundamentals, Some Routing and Switching
    topics)
  - **Linux BootCamp** ⧉ (Admin 1, Some topics in Admin 2)

Mentor ⧉   11/2021 – 12/2022
ICPC Sohag University Community   Sohag, Egypt
  Help Students to learn Programming concepts with C++ like **Fundamentals**,
  Algorithms, and **Data Structures,** and guide them to practice on *CodeForces* ⧉ to
  improve their problem-solving skills.

⬛ CERTIFICATES

- ECPC-2023 Egyption
  REGIONAL CHAMPION ⧉

- SQL ⧉

- Python ⧉

- All Certificates... ⧉

- Web Development Using
  Django ⧉

🌐 LANGUAGES

- Arabic

- English