




# Abdullah Kamal

## Software Engineer


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### 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

Faculty of Computers and AI / Sohag University 

09/2020 – 07/2024

Sohag, Egypt

### 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.

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## VOLUNTEERING

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### IT Instructor [↗](#)

ATHAR Team

12/2022 – present

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 [↗](#)

ICPC Sohag University Community

11/2021 – 12/2022

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.

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## CERTIFICATES

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- ECPC-2023 Egyption REGIONAL CHAMPION [↗](#)
- SQL [↗](#)
- Python [↗](#)
- All Certificates... [↗](#)
- Web Development Using Django [↗](#)

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## LANGUAGES

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- Arabic
- English