

Abdullah Kamal

Software Engineer

📍 Sohag, Egypt 📞 +201147301642 📁 Portfolio [in LinkedIn](#) [🐙 GitHub](#)
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PROFILE

Dynamic **Software Engineer** and **Backend Developer** with a robust computer science foundation, excelling in Web and API Development. Proficient in HTML, JavaScript, C++, PHP, and Python, specializing in Django, Flask, and FastAPI. Expert in crafting RESTful APIs and implementing Microservices architecture. Well-versed in networking and database management (SQL, SQLite, MySQL, PostgreSQL, Redis, MongoDB) with ORM for efficient data handling. Adept in Git, GitHub, and Gitflow, committed to Agile Methodology and Scrum practices. Adheres to SOLID principles, proficient in Linux, Docker, and bash scripting. Experienced in cloud platforms (Heroku, AWS), dedicated to Clean Code, meticulous Code Review, and adept problem-solving with a critical thinking mindset. A thorough tester with a meticulous documentation approach, continuously embracing new technologies.

EDUCATION

Bachelor of Computer Science

Faculty of Computers and AI / Sohag University [📄](#)

10/2020 – 07/2024

Sohag, Egypt

- Grade: Very Good

SKILLS

Programming Languages

- Python
- PHP
- JavaScript
- C++
- HTML
- Bash Scripting

Database

- SQL
- SQLite
- MySQL
- PostgreSQL
- Redis
- MongoDB
- ORM

Cloud Platform

- Heroku
- AWS

Web Frameworks

- Django
- Django Rest Framework
- Flask
- FastAPI

Conceptual Knowledge

- OOP
- Data Structures
- Algorithms
- SDLC
- Agile Methodology
- SOLID Principles
- Git Flow
- RESTful API
- MicroServices Architecture

Operating Systems

- Linux
- Windows

Tools

- Git
- GitHub
- Docker
- Kubernetes
- Jira
- Postman

Soft Skills

- Problem Solving
- Critical Thinking
- Clean Code
- Debugging
- Code Review
- Testing
- Documentation

PROJECTS

TODO API [📄](#)

Python - Django - PostgreSQL - Docker

Developed a robust **TODO API** leveraging **Django Rest Framework** and **PostgreSQL**, enabling users to seamlessly register with a unique username and password. Implemented secure authentication through security token features, facilitating secure login processes. The API further supports the creation of tasks with an initial false status, allowing users to mark them as complete upon task completion and then Deploy using **Docker**.



STUDENTS ACTIVITIES

Backend Core Team Member [↗](#)

11/2023 – present

GDSC - Future Academy

Cairo, Egypt

GDSC is a university-based community group for students interested in Google developer technologies. We aim to help students gain new skills through hands-on workshops, events, talks, and project-building activities online and in person.

Instructor [↗](#)

12/2022 – 11/2023

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 [↗](#)

12/2021 – 11/2022

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.



LANGUAGES

• Arabic

• English