# Abdullah Kamal

Software Engineer

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in LinkedIn ○ GitHub

🪪 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, and Linux. I Participated in an ECPC competition for Problem Solvers after solving 1.5K problems with different online judges like *CodeForces* ⇗ , *LeetCode* ⇗ , and *HackerRank* ⇗ . I design, code, and implement websites for a variety of clients. Passionate about Clean Code, Problem-Solving, Debugging, and continuously learning new technologies.

🎓 EDUCATION

Bachelor of Computer Science   2021 – 2024
Faculty of Computers and AI // Sohag University ⇗   Sohag, Egypt

🧠 SKILLS

Programming Languages
- Python
- PHP
- C++
- Bash Scripting

Tools
- Git
- GitHub
- Docker
- Kubernetes
- Postman
- VSCode

Cloud Platform
- Heroku
- AWS

Web Frameworks
- Django
- Django Rest Framework
- Flask
- FastAPI

Conceptual Knowledge
- OOP
- Data Structures
- Algorithms
- APIs
- Microservices

Operating Systems
- Linux
- Windows

Database
- SQL
- SQLite
- MySQL
- PostgreSQL
- Redis
- ORM

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

📁 PROJECTS

TODO API ⇗
TODO API Project - Django Rest Framework & PostgreSQL
  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 ☐   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 ☐   2022 – 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 ☐   2021 – 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