

# Abdallah Mohamed

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## Summary

As a Software Engineer at Gigawrks, I'm immersed in developing cutting-edge solutions, leveraging my expertise in Python, Django, and DevOps tools like Docker and Jenkins. With a Bachelor's of Science in Computer Science from University of the People, my educational foundation has been instrumental in tackling complex back-end challenges and contributing to our team's success.

Leadership and collaboration are at the core of my professional ethos. I've honed my team management skills to foster a cohesive and productive work environment. My role at AAK TELE-SCIENCE, INC., alongside ongoing freelance IT & programming projects, has solidified my capability to innovate and execute with precision, ensuring high-quality deliverables and robust system architectures.

## Contact

- [Portfolio: abdo.live](#)
- [Linkedin: abdalrahman-hossam](#)
- [GitHub: abdoohossamm](#)

## Experience

### Software Engineer | 11/2022 - Present | Gigawrks | Remotely, Florida

I am a Software Engineer and Team Leader with a passion for crafting robust, scalable solutions that drive business success. At Gigawrks, I thrive on the dynamic intersection of software architecture, database design, Cloud infrastructure, and DevOps practices. With a keen eye for detail and a knack for optimizing performance, I lead by example in both design and execution, ensuring our systems are efficient, flexible, and maintainable.

### Software Engineer & Team Leader | 01/2023 - 02/2024 | AAK telescience | Remotely

ChatGPT

With a background as a Software Engineer and Team Leader at AAK Telescience, I've led remote teams of over 70 developers, crafting microservices architectures for the NEW AAK platform. Proficient in Python (Django, FastAPI) and Golang (FiberAPI), I develop RESTful APIs, enhancing security and performance of endpoints. My expertise extends to designing efficient database schemas and software solutions, aligning perfectly with business needs. Task management and fostering a DevOps culture are integral to my leadership, ensuring efficient delivery of high-quality solutions.

### Software developer | 10/2021 - 11/2022 | OnTime for general contracting | Alexandria

- Developing a full stack software for company's projects some of them was in Alexandria university and other in different hospitals.
- Testing old software for bugs and develop it.
- Manage the IT team for the company and company's projects.

Stack: Python, Django, REST API, HTML, CSS, JavaScript.

## Education

### B.S. Computer Science | University of the People, (Online study) | 05/2023 | California

- Graduated with 3.85 CGPA with High Honors with focus major on the software engineering.
- President's list every term in university

## Skills

- Team Leadership, Team Management, Teamwork
- Software Engineering, Software Architecture
- Python, Go, NodeJS, FastAPI, Django, REST APIs

- AWS, Digital Ocean, Git, Linux
- Microservices Architecture
- SQL (Postgres) & NoSQL (SyllaDB) Database Design and Optimization
- Task Management, DevOps Culture, CI/CD (Jenkins, Git Actions)