


# OMAR GHREEB AHMED MAHMUD

## CONTACT INFO

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 <https://github.com/Omar-GI>

## PROFILE

Motivated IT professional transitioning into backend and cloud engineering, equipped with foundational knowledge in networking , Linux systems, and AWS cloud services. Proficient in Python and actively developing API design, database architecture, and containerization skills through hands-on projects. Strong problem-solver with a systematic approach to technical challenges and proven ability to master complex concepts independently

## EXPERIENCE

Developed multiple backend projects using Python and FastAPI, focusing on API design, authentication mechanisms, and database integration. Built projects incorporating PostgreSQL and MongoDB to deepen understanding of relational and non-relational database architectures. Implemented Docker containerization for local development environments.

### Military Service:

### warehouse data entry

[05/01/2024] – [05/01/2025]

[21/06/2025] – [07/11/2025]

## EDUCATION

**Bachelor of Management  
information system  
2019-2023**

## SKILL

- Python (backend development, scripting)
- FastAPI & RESTful APIs
- SQL & PostgreSQL basics
- MongoDB fundamentals
- Linux & command line
- Git & GitHub (version control)
- Docker & containerization
- AWS cloud fundamentals
- Networking fundamentals (CCNA level)
- Problem solving & analytical thinking
- Self-learning & time management
- Communication (C1 English, A2 GERMANY)