


EL ZUBEIR HUWEIDI


Software Engineer

 zizouhuweidi

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SUMMARY

Backend Engineer interested in System Design and ML.

SKILLS

Languages: Python, Go, TypeScript, Java, PHP

Technologies: Postgres, MySQL, Docker, Redis, gRPC, Kafka, RabbitMQ, Linux, Git

EXPERIENCE

- 6/2022 – 9/2022 **Backend Engineer Intern** UniQ Soft Technologies
- Worked on their accounting solutions and website.
 - Java, Spring Boot, JavaScript
- 7/2023 – 9/2023 **Fullstack Engineer Intern** AMA Group
- Responsible for collecting requirements, development, and deployment of the app.
 - Developed a missions management dashboard.
 - Go, Postgres, TypeScript, React
- 1/2024 – 7/2024 **Fullstack Engineer** Prisma-Intl
- Capstone project: Redesigned a distributed network testing automation tool.
 - Tested, fixed, and improved overall reliability.
 - Identified bottlenecks and inefficiencies in the current architecture.
 - Designed a new event-driven architecture that is both more resilient and extensible.
 - Go, Postgres, gRPC, RabbitMQ, Docker
- 12/2024 – Current **AI & Backend Engineer** EGate
- Developing a Retrieval-Augmented Generation (RAG) assistant.
 - Responsible for data cleaning, processing, and setting up the Weaviate vector store.
 - Exposed an internal FastAPI API to integrate the assistant.
 - Optimizing the assistant's performance and experimenting with agent-like workflows.
 - Python, OpenAI, Weaviate, LangChain, FastAPI, Docker
- 12/2024 – Current **Fullstack Engineer** Libyan International Medical University
- Maintaining and improving internal platforms.
 - Designing a better internal filesystem with AI-powered file search.
 - PHP, Laravel, MySQL, Vue

PROJECTS

- Go, Python, Vue **bayt-alhikmah** <https://github.com/ZizouHuweidi/bayt-alhikmah>
- WIP knowledge management center
- Go, gRPC **retro-station** <https://github.com/ZizouHuweidi/retro-station>
- Retro video game store built as microservices
- Typescript, React **ractool** <https://github.com/ZizouHuweidi/ractool>
- Club management tool for Rotaract club

EDUCATION

- 9/2019 – 7/2024 **Software Engineering** SMU Medtech
- Software Engineering degree at South Mediterranean School of Technology

LANGUAGES

English - Fluent, **Arabic** - Native