EL ZUBEIR HUWEIDI

Software Engineer

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SUMMARY

Backend Engineer with an interest in System Design and AI

SKILLS

Languages: Go, Python, TypeScript, PHP, Java

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   **Full-Stack 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   **Backend 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 – 3-2025   **AI 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`, `LlamaIndex`, `FastAPI`, `Docker`

12/2024 – Current   **Full-Stack Engineer**   **Libyan International Medical University**
- Maintaining and improving internal platforms.

  `PHP`, `Laravel`, `MySQL`, `Vue`

03/2024 – Current   **Backend Engineer**   **SadeemTech**
- Working on the Backend of Sadeem Projects
- Working on Internal tools and projects

  `Go`, `Postgres`

PROJECTS

Go, Python, React   **bayt-alhikmah**   https://github.com/ZizouHuweidi/bayt-alhikmah
WIP knowledge management center

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