Emad Hussien

Backend Engineer (Java, Node) with strong frontend skills, skilled in adapting to new technologies like React."

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LinkedIn Link
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WORK EXPERIENCE

TECHNOLOGIES

Klivvr   **Full Stack Intern**

Egypt, Cairo   AUG 2024 - PRESENT

Klivvr is a fintech Egyptian company subsidiary of Orascom Financial Holding (OFH).

- Built task management features with MongoDB aggregation, filtering, and pagination
- Optimized API to reduce the server load by enabling partial task updates and handling file uploads to Firebase in one request.
- Developed and integrated frontend authentication service using TypeScript.
- Refactored code for better readability and maintainability, and fixed bugs post-testing.

Stack
Java, Spring Boot, H2 Database, JPA, REST API, MySQL, Mockito, Keycloak.

Other
NodeJS, ExpressJS, TypeScript, ReactJS. MongoDB, Firebase, Redux, Github, Tailwind, Material Ui

Freelance (E-Commerce Web App)   **Frontend Engineer**

Egypt, Cairo   JAN 2024 - MAR 2024

- Resolved legacy code issues, improving system stability.
- Implemented secure Firebase SDK for Google and Facebook login.
- Integrated Paymob for efficient payment processing.

CERTIFICATES

CS50: Introduction to Computer Science (2020)
Solved the 9 problem sets and developed a web application final project.

EDUCATION

Ain Shams University, (Bachelor of Computer and Information Sciences).

Egypt, Cairo

June 2023

Responsive Web Design (2022)
Built 5 frontend projects.

LANGUAGES

PROJECTS

Arabic native
English C1, fluent

Food Delivery System   (JUL 2024 - PRESENT). Backend Engineer, technologies: Spring Boot, MySQL, JPA, REST APIs, Mockito, Stripe, Keycloak

- Built a scalable system for restaurant management, customer orders, and reviews, enhancing API performance with pagination.
- Integrated Stripe for secure payments and Keycloak for authentication to secure API endpoints.
- Implemented validation, global exception handling, and unit testing to ensure system reliability.

E-commerce application   (AUG 2023 - JAN 2023). Backend Engineer, technologies: Express, MongoDB, Mongoose, Stripe API, JWT, MVC

- Developed CRUD operations using Express framework with MVC architecture.
- Implemented authentication and authorization with JWT, including refresh tokens for enhanced security.