

Emad Hussien

Backend Engineer (Java, Node) More than a year of hands-on software development experience focusing on backend technologies and full-stack applications. Built and delivered various projects, including side projects, freelance work, and internships. I enjoy turning ideas into reality.

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Cairo, Egypt

[LinkedIn Link](#)

[GitHub Link](#)

WORK EXPERIENCE

Klivvr

Egypt, Cairo

Full Stack Intern

AUG 2024 - PRESENT

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

- Implemented MongoDB aggregation, filtering, and pagination to reduce the need to load large datasets at once.
- Reduced backend traffic and API complexity by developing a flexible PATCH API that consolidates multiple task updates into a single request.
- Integrated Firebase Storage, Multer, and validation middleware for file uploads.
- implemented real-time task updates and online user tracking using Socket.IO

technologies: NodeJs, Typescript, Express, MongoDB, React, Tailwind, Socket IO.

Freelance (E-Commerce Web App)

Egypt, Cairo

Frontend Engineer

JAN 2024 - MAR 2024

- Improved system stability and performance, by Resolving legacy code issues.
- enhanced security and simplified the login process by Integrating with Firebase SDK for Google login,
- Integrated Paymob for efficient payment processing.

technologies: Javascript, React, Redux, Tailwind, Material UI.

EDUCATION

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

Egypt, Cairo

June 2023

PROJECTS

[Food Delivery System](#) (JUL 2024 - PRESENT). Backend Engineer.

- 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.

technologies: Spring Boot, MySQL, JPA, REST APIs, Mockito, Stripe, Keycloak.

[E-commerce application](#) (AUG 2023 - JAN 2023). Backend Engineer.

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

technologies: Express, MongoDB, Mongoose, Stripe API, JWT, MVC

TECHNOLOGIES

Stack

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

Other

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

CERTIFICATES

[CS50: Introduction to Computer Science \(2020\)](#)

Solved the 9 problem sets and developed a web application final project.

[Responsive Web Design \(2022\)](#)

Built 5 frontend projects.

LANGUAGES

Arabic native

English C1, fluent