Emad Hussien

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Experience

Software Engineer Intern, *Klivvr* – Cairo, Egypt   Aug 2024 – Oct 2024

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.

Software Engineer Freelancer, Freelance Project – Remotely   Jan 2024 – Apr 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.
- Enabled localization for Arabic and English, enhancing user experience.
- Developed reusable components, enhancing code modularity.

Education

University of Ain Shams, bachelor degree in Computer Science (Cairo / Egypt)   June 2023

Projects

[E-commerce application](#)   github.com/e-commerce
- Implemented secure authentication and authorization mechanisms using JWT, including the use of refresh tokens for enhanced security.
- Utilized MongoDB as the database with Mongoose schema for data modeling.
- Integrated Stripe API for payment processing, both on the backend and frontend.
- Tools Used: Node.Js, Express.js, MongoDB, Stripe, JWT.

[e& H. E-Commerce Admin Dashboard](#)   github.com/dashboard
- Built responsive UIs with React, Styled Components, and Material UI.
- Managed state using Redux and integrated Stripe API for payments.
- Enabled routing with react-router and used Git for version control.
- Tools Used: Html, Styled Components, Material UI, React.Js, Redux, Git, Stripe, , react-router

Technologies

Languages: Java, SQL, JavaScript

Technologies: Node.js, Express.js, Typescript, MySQL, MongoDB, Firebase, REST API, Socket.IO

Frameworks/Libraries: Spring Boot, Hibernate, JPA, Spring Security, Spring Cache, AOP, React.Js, Redux, Tailwind

Other: Object-Oriented Design, H2 Database

Courses & Certificates

[Relational Databases With SQL](#)   **[NoSQL Databases Using MongoDB](#)**

[CS50: Introduction to Computer Science](#)   **[Responsive Web Design](#)**