

# Mohamed Shrief

## Junior Software Developer

### (Backend - Frontend)

**Portfolio:** <https://m-shrief.me>

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**Location:** Cairo, Egypt

**Phone:** +201025331595

**Date of Birth:** 01-01-2002

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### Skills

- JavaScript and TypeScript
  - Go with Huma and Chi.
  - Nodejs with Express.js & Hono.
  - Postgres, MongoDB and Redis/ValKey
  - HTML, CSS and SCSS
  - Vuejs and its' ecosystem (like Pinia and VueRouter)
  - Vite, Vitest and Cypress
  - Astro
  - Containerization using Docker or Podman
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### Projects

#### 1. “أديب Adeeb” ([Frontend's repo](#) – [Backend's repo](#))

E-Commerce for printing Arabic. Using SSR frontend with REST API. gRPC API and Protocol Buffers.

#### My Role: Development and Operations.

- Tech stack:
  - Adeeb's frontend:
    - JavaScript and TypeScript
    - Vite
    - HTML, SCSS
    - Vuejs and Astro
  - Adeeb's backend:
    - JavaScript and TypeScript

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- Nodejs and Express.js
- PostgreSQL and TypeORM and Caching with Redis/ValKey
- Users' service:
  - Go
  - PostgreSQL with Sqlc and Pgx.
- Characteristics:
  - +90 marks on google's lighthouse.
  - JWT authentication and authorization.
  - Internationalization
  - Data validation.
  - Dark/Light Theme.
  - Regression and Component testing with Vitest
  - Documentation with TSdoc and TypeDoc.
  - Sentry for monitoring errors and performance
  - Docker Containerization
- Deployed From September 2023 to April 2024:
  - Using Digital ocean server, with Ubuntu and Nginx.
  - Used CloudFlare to manage Domains, DNS, SSL, CDN and on.

## 2. Gitea ([Repo](#))

Deploying Gitea instance with Act runner for CI/CD Using Docker.

## 3. “أديب أديب ” SPA version ([Frontend's repo](#) – [Backend's repo](#))

E-Commerce for printing Arabic. Using SPA frontend with REST API.

- Tech stack:
  - JavaScript and TypeScript
  - HTML, SCSS
  - Vuejs, Vite, Pinia and VueRouter
  - Nodejs and Express.js
  - MongoDB and Caching with Redis/ValKey

## Education

- Undergraduate at Faculty of Commerce, Cairo University. (4<sup>th</sup> year)

### Courses

- CMU, Intro to Database Systems (2022)
- Redis university, Introduction to Redis Data Structures "RU101" ([Certificate](#))
- IBM, "DevOps, Cloud, and Agile Foundations":
  - Introduction to DevOps.
  - Introduction to Cloud Computing.