

# Mohamed Shrief

## Junior Software Developer

### (Backend - Frontend)

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

**E-mail:** [contact@m-shrief.me](mailto:contact@m-shrief.me) or [m.shrief.dev@proton.me](mailto:m.shrief.dev@proton.me)

**GitHub:** <https://github.com/m-shrief>

**LinkedIn:** <https://www.linkedin.com/in/mohamed-shrief-12b2272b0/>

**Location:** Cairo, Egypt

**Phone:** +201025331595

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

---

### 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
- 

### Experience

#### Frontend Developer at **Web Pioneer** (1 Project only)

As the only frontend developer, I updated a dashboard theme for E-Commerce needs, using JavaScript, Vue.js, Vuex, VueRouter and Vuetify. And added GeoJSON features, showing a map and allowing users to create zones for different stores.

---

### Projects

#### 1. “Adeeb أديب ” ([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 frontned:
    - JavaScript and TypeScript
    - HTML, SCSS and Vite.
    - Vuejs & Astro

- Adeeb's backend:
  - JavaScript and TypeScript
  - Nodejs and Express.js
  - Postgres and TypeORM and Caching with Redis/ValKey
- Users' service:
  - Go
  - Postgres 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. “Adeeb أديب ” SPA version ([Frontend's repo](#) – [Backend's repo](#))

Tech Stack:

- JavaScript and TypeScript
- Vuejs, Pinia and vue-router
- Nodejs and Hono with MongoDB and Redis/ValKey

---

## Education

- Undergraduate at Faculty of Commerce, Cairo University. (4<sup>th</sup> year)
- **Courses** (includes but not limited to):
  - 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.