Mohamed Shrief
Junior Software Developer
(Backend - Frontend)

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Skills

- **JavaScript and TypeScript**
- **Go**
- **Nodejs and Express.js**
- **Postgres, MongoDB and Redis**
- **HTML, CSS and SCSS**
- **Vuejs and its' ecosystem (like Pinia and VueRouter)**
- **Vite, Vitest and Cypress**
- **Astro**
- **Docker Containerization**

Projects

"Adeeb أديب "

Mainly consists of an SSR, which communicates with a REST API for business functionality. And its backend depends on Users' gRPC service to handle authentication and authorization. **My Role**: Development and Operations. (Frontend's repo – Backend's repo)

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

- Nodejs and Express.js
- Postgres and TypeORM with Redis
  - ○ 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.

"Adeeb أديب " (2nd version)

Mainly consists of an SPA with a REST API. **My Role**: Full Development.

([Frontend's repo](#) – [Backend's repo](#)**)**

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

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.

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