

# 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
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## Projects

- "أديب Adeeb"

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:** Full Development and Operations.

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

- Tech stack:
  - Adeeb's frontend:
    - 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.
- **“أديب Adeeb ” (2<sup>nd</sup> 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
  - Characteristics:
    - JWT authentication and authorization.
    - Data validation.
    - Dark/Light Theme.
    - Regression and Component testing with Vitest and Cypress.
    - CI using github actions for testing
    - Docker Containerization

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## Learning and Courses

- **CMU**, Intro to Database Systems (2022)
- **Redis University**, Introduction to Redis Data Structures ([certificate](#))
- **IBM**, Introduction to DevOps
- **IBM**, Introduction to Cloud Computing.