

# Mohamed Shrief

## Junior Software Engineer (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 it's backend depends on Users' gRPC service to handle authentication and authorization.  
My Role: Full Development and Operations.  
([Live demo](#)- [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:
  - Full marks on [google's lighthouse](#).
  - JWT authentication and authorization.
  - Data validation with Vee-Validate and Yup.
  - Dark/Light Theme.
  - Regression and Component testing with Vitest.
  - Sentry for monitoring errors and performance
  - Docker Containerization
- Deployment:
  - Deployed on Digital ocean server, on Ubuntu and Nginx.
  - Managing Domains, DNS, SSL, CDNs and on with CloudFlare.
- **“Adeeb أديب ” (2<sup>nd</sup> version)**  
 Mainly consists of a 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 with Vee-Validate and Yup.
    - 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.