

Mohamed Shrief

Junior Software Engineer (Backend - Frontend)

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Location: Cairo, Egypt

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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.
([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:
 - +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
- Deployment:
 - Deployed on Digital ocean server, on Ubuntu and Nginx.
 - Managing Domains, DNS, SSL, CDNs and on with CloudFlare.
- **"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
 - 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

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.