

Mohamed Shrief

Junior Software Engineer (Backend - Frontend)

Portfolio: m-shrief.tech

Mail: m.shrief.dev@proton.me

GitHub: github.com/m-shrief

Phone: +201025331595

Skills

- JavaScript and TypeScript
 - 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

“Adeeb أديب” (personal project):

It's concerned with Arabic literature. It assumes a business model that enable customers to order a print of Arabic literature in specific customization, and follow up the process. It provides better experience for partners to make bulk orders fast and easy.

My Role: Frontend and Backend development, it have 2 versions:

- “Adeeb أديب ” SSR with a Node REST API
([Live demo](#)- [Frontend's repo](#) – [Backend's repo](#))
 - Tech stack:
 - TypeScript with HTML and SCSS
 - Astro and Vuejs
 - Nodejs and Express.js
 - Postgres and TypeORM with Redis
 - Docker Containerization
 - Characteristics:
 - Full mark on [google's lighthouse](#), and [PageSpeed insights](#).
 - JWT authentication and authorization.
 - Data validation with Vee-Validate and Yup.
 - Dark/Light Theme.

- Regression and Component testing with Vitest.
- CI using github actions for testing
- Sentry for monitoring errors and performance
- Deployment:
 - Frontend deployed on Digital ocean server, on Ubuntu and Nginx.
 - Backend deployed on Digital ocean server, on Ubuntu, with Nginx.
 - Managing Domains, DNS, SSL, CDNs and on with CloudFlare.
- **“Adeeb ادیب” SPA with a Node REST API**
 ([Frontend's repo](#) – [Backend's repo](#))
 - Tech stack:
 - TypeScript with HTML and SCSS
 - 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

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.