

Mohamed Shrief

Junior Backend and Frontend developer

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Skills

- JavaScript and TypeScript
- Nodejs and Express.js
- Postgres, MongoDB and Redis
- HTML, CSS and SCSS
- Vuejs' ecosystem (Vite, Pinia, vue-router and VitePress)
- Astro
- Vitest and Cypress

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 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
 - Characteristics:
 - Full mark on [google's lighthouse](#), and [PageSpeed insights](#).
 - JWT authentication and authorization.
 - Data validation with vee-validate and Yup.
 - Dark/Light Theme.
 - API tests with Mocha and Chai, and Component testing with Vitest.
 - Using PM2 for process management.
 - Deployment:
 - Frontend deployed on Digital ocean server, on Ubuntu, with Astro's node adapter and Nginx and PM2.
 - Backend deployed on Digital ocean server, on Ubuntu, with Nginx and PM2, databases (Postgres and Redis) managed on the same server.
 - Managing Domains, DNS, SSL, CDNs and on with CloudFlare.
- "Adeeb أديب" **SPA with a REST API** ([Frontend's repo](#) - [Backend's repo](#))
 - Tech Stack: TypeScript, Vuejs, Pinia, vue-router, Nodejs, Express.js with MongoDB and Redis
 - Characteristics are the same with the SSR version.

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.