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 and its' ecosystem (like Pinia and VueRouter)**
- **Vite, Vitest and Cypress**
- **Astro**

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.
    - Sentry for monitoring and profiling, and 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 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.
- API tests with Mocha and Chai, and Component testing with Cypress.
- Using PM2 for process management.

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.