Mohamed Shrief
Junior Frontend & Backend Developer

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Projects

"Adeeb أديب" (personal project)   **Jan. 2023 – Present**

It's concerned with Arabic literature: poetry and prose. It assumes a business model to order a specific piece of literature to be printed with especial color, font then it'll be delivered to the customer, with the ability for the customer to follow up the process.

My Role: Frontend & Backend development

- Built a single page application (SPA) that consumes a REST API, tech stack that was used:
    - **TypeScript**
    - **Backend, check repo**
        - **Nodejs,** particularly using **Express.js**
        - **MongoDB**
        - **JWT** Authentication
        - **Centralized error handling**
        - **…and more.**
    - **Frontend, check repo**
        - **Vuejs**
        - **Vite**
        - **Pinia**
        - **Vue-router**
        - **Vee-validate**
        - **…and more.**
- Currently working to:
    - Use Quasar framework to make the frontend to render on the server (SSR), check repo.
    - Migrate the backend to use Postgres and TypeORM, check repo.
    - Make the project more robust and resilient by tests, better data validation and error handling.
    - Improve tooling
    - Improve the authentication process and route guards.

Learning & Courses

- CMU, Introduction to DBMS (2022)
- IBM, Introduction to DevOps
- IBM, Introduction to Cloud Computing

Skills

- **JavaScript & TypeScript**
- **Nodejs & Express.js.**
- **Vuejs and its ecosystem.**
- **Postgres, MongoDB and MySQL.**
- **CSS & SCSS**
- **Docker's basics.**