

# Mohamed Shrief

## Junior Frontend & Backend Developer

Portfolio: [m-shrief.github.io/site](https://m-shrief.github.io/site)  
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### Skills

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

### Projects

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#### “Adeeb أدیب” (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

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