

Mohamed Shrief

Junior Software Developer

(Backend - Frontend)

Portfolio: <https://m-shrief.me>

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Location: Cairo, Egypt

Phone: +201025331595

Date of Birth: 01-01-2002

Skills

- JavaScript and TypeScript
 - Go with Huma and Chi.
 - Nodejs with Express.js & Hono.
 - Postgres, MongoDB and Redis/ValKey
 - HTML, CSS and SCSS
 - Vuejs and its' ecosystem (like Pinia and VueRouter)
 - Vite, Vitest and Cypress
 - Astro
 - Containerization using Docker or Podman
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Projects

1. “أديب Adeeb” ([Frontend's repo](#) – [Backend's repo](#))

E-Commerce for printing Arabic. Using SSR frontend with REST API. gRPC API and Protocol Buffers.

My Role: Development and Operations.

- Tech stack:
 - Adeeb's frontend:
 - JavaScript and TypeScript
 - Vite
 - HTML, SCSS
 - Vuejs and Astro
 - Adeeb's backend:
 - JavaScript and TypeScript

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- Nodejs and Express.js
- PostgreSQL and TypeORM and Caching with Redis/ValKey
- Users' service:
 - Go
 - PostgreSQL with Sqlc and Pgx.
- Characteristics:
 - +90 marks on google's lighthouse.
 - JWT authentication and authorization.
 - Internationalization
 - Data validation.
 - Dark/Light Theme.
 - Regression and Component testing with Vitest
 - Documentation with TSdoc and TypeDoc.
 - Sentry for monitoring errors and performance
 - Docker Containerization
- Deployed From September 2023 to April 2024:
 - Using Digital ocean server, with Ubuntu and Nginx.
 - Used CloudFlare to manage Domains, DNS, SSL, CDN and on.

2. Forgejo ([repo](#))

Setting up a Forgejo instance to self-host a Version Control System (VCS), with forgejo-runner for CI/CD actions, all containerized with Podman.

3. “أديب Adeeb” SPA version ([Frontend's repo](#) – [Backend's repo](#))

E-Commerce for printing Arabic. Using SPA frontend with REST API.

- Tech stack:
 - JavaScript and TypeScript
 - HTML, SCSS
 - Vuejs, Vite, Pinia and VueRouter
 - Nodejs and Express.js
 - MongoDB and Caching with Redis/ValKey

Education

- Undergraduate at Faculty of Commerce, Cairo University. (4rd year)

Courses

- CMU, Intro to Database Systems (2022)
- Redis university, Introduction to Redis Data Structures "RU101" ([Certificate](#))
- IBM, "DevOps, Cloud, and Agile Foundations":
 - Introduction to DevOps.
 - Introduction to Cloud Computing.