Mohamed Shrief
Junior Software Developer
(Backend - Frontend)

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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

Projects

1. "Adeeb أديب " (Frontend's repo – Backend's repo)

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

My Role: Development and Operations.

- Tech stack:
    - Adeeb's frontned:
        - 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. "Adeeb أديب " 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.

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