OMAR ELOUI

BACK-END DEVELOPER

📍 Cario, Egypt 📞 +02 0111 944 7500 @ contact@omareloui.com

🔗 omareloui.com ⚙ /omareloui 💼 /in/omareloui

PROFILE

Extremely resourceful Back-End Developer with extensive experience in Node.JS and TypeScript, Good decision maker with ability to think critically and provide out of the box solutions; Team player with strong interpersonal skills and able to work to tight deadlines.
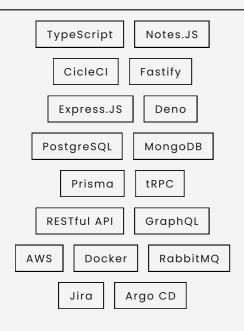
EDUCATION

Advanced Full-Stack Web Development Nanodegree
Udacity
May, 2022 - July, 2022

BA in Spanish Language
Alsun, University of Ain Shams
2016 - 2022

TECHNOLOGIES

TypeScript	Notes.JS
CicleCI	Fastify
Express.JS	Deno
PostgreSQL	MongoDB
Prisma	tRPC
RESTful API	GraphQL
AWS	Docker	RabbitMQ
Jira	Argo CD

LANGUAGES

Arabic, native speaker.

English, fluent.

Spanish, intermediate.

EMPLOYMENT HISTORY

BACK-END DEVELOPER
March 2023 - Present

Arab African International Bank

- Worked with distributed systems. Develop all MSs using NestJS.
- I'm one of three people responsible for over 8 services communicating with each other through RabbitMQ.
- Implement the SAGA pattern over the services to increase data integrity.
- Wrote a services utility to improve the DX. It's a CLI tool to interact with the running MSs from one place (start/stop/restart MS, push to remote, run a cli command in the MS, and over 5 more actions).
- Created a Geo-location MS for the bank MSs to use.
- Developed a way to interact with the Active Directory to retrieve the bank users information and sign them to the Merchant Portal.
- Develop TOTP authentication system.
- Developed over 8 emails using MJML to send complex responsive emails for over 3 parties.

PROJECTS

IMAGE PROCESSOR
Repo https://github.com/omareloui/ImageProcessorAPI

API to manipulate images

- Create the API with Node.js, TypeScript and Sharp.
- Expose an endpoint to be able to manipulate the image and retrieve the wanted result.
- Cache the images on requesting a change.
- Build a simple frontend if needed to upload an image and manipulate. Rendered from EJS.
- Test the API with Jasmine.

SHOP API
Repo https://github.com/omareloui/ShopAPI

An API for an imaginary shop

- Create the project with Node.js, TypeScript, Express, and PostGreSQL for the database.
- Add authentications and authorization rules.
- Use Docker to Initiate the PostGreSQL instance.
- Test the application with Jasmine, and supertest.
- Document the API.