

MOHAMED HOSSAM

Full stack Web Developer

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-  second-portfolio-psi.vercel.app/

Education

Zagazig University | Faculty Of Medicine

2019 – Present

Currently a student at faculty of medicine Zagazig university with 2.5 years to finish

Skills

- JavaScript • Typescript •
- HTML & CSS(SASS) & Tailwind •
- React & React redux • Next js •
- Framer motion •
- Nodejs & Express js •
- Python & Django & DRF • Java •
- Spring & Spring Boot. •
- PostgreSQL •
- Docker & Docker compose •
- Kubernetes • Figma •
- Apache Kafka •
- Microservices architecture

About Me

Freelance full-stack developer with experience delivering production-ready web applications across front-end and back-end technologies. Skilled in React, Next.js, Node.js, Django REST Framework, PostgreSQL, and modern DevOps tools. Strong collaborator, bridging technical and non-technical teams to deliver maintainable and scalable solutions.

Medical training has sharpened my attention to detail, analytical thinking, and ability to operate under complex, high-pressure environments. Seeking opportunities to contribute to impactful projects and build reliable systems that solve real-world problems.

Languages

Arabic

native

English

fluent

Projects

Microservices E-Commerce

In a span of months this project was created, The design was crafted using Figma, while the front-end development was accomplished with Next.js, Framer motion, SASS and more. For the back-end, I utilized Express.js, Django with the Django Rest Framework, and Spring Boot. The databases employed are MongoDB and PostgreSQL. The application is deployed on Azure Kubernetes, running six different services that communicate via Apache Kafka

Baby Academy, Baby Academy is a bilingual (Arabic/English) educational website

Baby Academy is a bilingual (Arabic/English) educational website built with Next.js, React, TypeScript, and Tailwind CSS. It showcases the academy's kindergarten programs and evening courses for children aged 1 month to 4 years+, lets parents register their kids through an intuitive multi-step form, and provides a secure admin dashboard to manage registrations. The platform combines smooth animations, responsive design, and bilingual support, making it both visually engaging and easy to use, while offering a full digital solution for academy operations.

Python Web Scraper

Users have the flexibility to operate the scraper through the command line or a graphical interface, making it accessible for both novice and experienced users. although it has simple graphical user interface it has multi-threading, proxy servers, it's capable of scraping hundreds of products in a span of minutes

Portfolio

The portfolio was crafted using the dynamic capabilities of Three.js, GSAP, and Framer Motion. Without a Figma design to implement I improvised the design as I went, with multiple inspirations I found on other 3D websites, this website came to exist.

Countries Frontend Mentor

I took on a challenging project from Frontend Mentor (the project is advanced level 4 difficulty). completed the project quickly and decided to add a small game to make it more interesting, which wasn't part of the original challenge. Visit my portfolio for more info

Other Projects

There many other projects visit me portfolio or my gihup account to find more, with information and links about them