

Mohab Gamal

WEB DEVELOPER

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[Portfolio Website ↗](#)

[LinkedIn Profile ↗](#)

Cairo, Egypt

Summary

Full-stack web developer with a strong passion for blockchain and fintech. Proven ability to improve performance and deliver scalable solutions, including reducing transaction fees by up to 50% and enhancing API efficiency by 22%.

Experience

12/2023 - 11/2024

Node.js & React Developer

[Ministry of Defense, Department of Information Systems ↗](#)

- Contributed to developing Web apps on the Military Network
- Maintained 3 server apps that serve highly secretive & sensitive data
- Contributed to 4 React.js & CSS frontend projects

07/2022 - 09/2023

Blockchain Creation in JavaScript Intern

[NU Research Center ↗](#)

- Researched the origin of blockchain through Bitcoin Whitepaper
- Using Node.js, I implemented the fundamentals of Blockchain
- Implemented the PoW algorithm and mining process
- Created transactions, wallets, and public/private keys

Education

09/2019 - 07/2023

Bachelor of Computer science

Nile University

GPA (3.7/4)

Skills

JavaScript

Typescript

Node.JS

Express.JS

NEST.JS

React.JS

Next.JS

Tailwind CSS

Python

MongoDB

MySQL

Docker

GIT

Design patterns

Languages

Arabic

Native

English

Intermediate (American University in Cairo, B1 CEFR)

Projects

[Crowdfunding Website Powered by Web 3 ↗](#)

- Wrote and deployed Ethereum Smart Contracts (code)
- Created API endpoints using Express.js and tested by Postman tools
- Designed React UI components in Mobile-First Design and dark mode
- Used Test-Driven Programming with Blockchain & Server code
- Used git, git-flow, and GitHub actions for version control and CI/CD
- Deployed the website using Docker on AWS ec2

[My 3D Portfolio Website \(Three.js\) ↗](#)

- Used React & three.js & three-fiber 3D UI JavaScript libraries
- Used framer-motion for advanced CSS animations

[Booking.com Clone \(MERN\)](#)

- Used express server and MongoDB for NoSQL
- Used JWT and cookies for authentication and authorization
- Created website and its admin dashboard UI using React, Sass, and material-ui

[Amazon Web Scraper Website \(Next.js\)](#)