

Marwan Abdelghany

Backend Developer | DevOps Engineer

✉ elhosinymarwan29@gmail.com ☎ +201003301021 🔗 linkedin 🐙 Github 📁 Portfolio

PROFILE

Passionate Backend Developer with expertise in Node.js, TypeScript, and DevOps. Proven experience in building scalable web applications and managing databases with MongoDB and PostgreSQL. Skilled in deploying and maintaining applications using Docker, Kubernetes, and Jenkins.

PROFESSIONAL EXPERIENCE

Backend Developer

03/2024 – present

Target company for software solutions

- Led the development of the **Glarus Platform** 🌐, a digital cards platform, leveraging Express.js, PostgreSQL, and Prisma. Managed end-to-end deployment using Docker Compose and Jenkins for continuous integration and delivery, ensuring scalability and smooth deployment.
- Built the **Postbet App** 🌐, a multi-platform content-sharing app, using Nest.js, TypeORM, and PostgreSQL. Integrated **Tap Payment**, a Gulf region payment gateway, to handle secure transactions based on user subscription plans. Deployed the application using **PM2** for process management and load balancing, ensuring high availability and reliability.
- Developed the **Daralnokhba Website** 🌐, a document management platform for employees to manage contracts, receipts, and bonds using Nest.js, and MongoDB. Enabled automatic signature handling and advanced search functionality for improved efficiency.

TypeScript Developer (Part-Time)

03/2024 – 06/2024

ABC Hosting Ltd Software Company

- Rebuilt the **MintMe Cryptocurrency Platform** 🌐, migrating from monolithic architecture to microservices using Docker and Kubernetes. Enhanced system performance and modularity by restructuring the codebase, with a focus on scalability and resilience.

SKILLS

Programming

- OOP
- Java
- JavaScript
- TypeScript

Frontend

- HTML
- CSS
- Bootstrap
- React

Backend

- Node.js
- express.js
- Nest.js
- MongoDB
- MySQL
- PostgreSQL
- Mongoose
- Sequelize

DevOps

- Linux
- Git
- Docker
- Kubernetes
- Jenkins
- Ansible
- Terraform
- Prometheus

INTERNSHIPS





Backend Developer

10/2023 – 03/2024

Route IT Training Center

Cairo, Egypt

- **E-Commerce Platform** 🌐 : Developed a simulated e-commerce platform using Express.js, JWT, Mongoose, MongoDB, and Stripe for payments. Vendors could add brands/products and users could browse, search, and purchase items directly.
- **JobSearch App** 🌐 : Built a job portal using Express.js, Mongoose, and MongoDB. Allowed HR personnel to post job listings and compare applicants' profiles to match the best candidates for open positions.

- **Chatting App**  : Designed a real-time messaging platform using Socket.io  , Express.js, and MongoDB for instant communication. Deployed encryption for data privacy and security.
- **UpVote App**  : Created a content curation platform similar to Pinterest, where users could share and organize images, products, and videos across multiple categories.
- **ToDo App**  : Developed a task management app for assigning tasks, tracking progress, and managing deadlines, using Express.js, JWT, and MongoDB.

EDUCATION

| | |
|--|-----------------------------------|
| DevOps Engineering Diploma <i>Digital Egypt Pioneers (DEPI) by Ministry of Communications and Information Technology</i> | 04/2024 – present Cairo, Egypt |
| Bachelor's of Engineering <i>Tanta University</i> | 2015 – 2020 Tanta, Egypt |

COURSES

| |
|---|
| JavaScript-The Complete Guide (Maximilian Schwarzmuller) <i>Udemy</i> |
| NodeJS - The Complete Guide (MVC, REST APIs, GraphQL) (Maximilian Schwarzmuller) <i>Udemy</i> |

LANGUAGES

| | |
|--------|---------------------------|
| Arabic | English (IELTS score 6.5) |
|--------|---------------------------|