

# AHMED IBRAHIM

+2) 01552832217 | Cairo, Egypt | [me@ahmedibrahim.dev](mailto:me@ahmedibrahim.dev)  
[LinkedIn](#) | [GitHub](#)

## CAREER OBJECTIVE:

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Passionate, high-performing Full Stack Developer with **more than 3 years** of experience. My experience ranges from working on real-time messaging systems that can handle thousands of daily messages to scale open-source projects with more than **1+ million** active users. Currently **seeking a role as a Full-Stack Developer** at a progressive organization, where applied knowledge and self-education skills meet.

## PROFESSIONAL EXPERIENCE:

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**Emurgo**, Singapore. (Remote).

(Sep 2021-Present)

### Full Stack Developer

- **Develop public API to enable other developers to build their dApps on top of Cardano and to serve more than 1 million active users.**
- Tackle performance bottlenecks related to databases and memory leaks.
- Manage the software development lifecycle (Planning, Design, Development, QA).
- Improve the front-end experience by implementing an entirely new revamped theme.
- Wrote end-to-end and unit tests to ensure app integrity.
- Review PRs and make sure they follow code standards and best practices.
- Onboard new developers and help them fit into the team.

**Connexease**, Turkey. (Remote).

(Aug 2020 – Sep 2021)

### Full Stack Developer

- Created a real-time multichannel messaging system to connect agencies with their customers.
- Integrated 3rd party messaging platforms like Telegram and Instagram while maintaining existing integrations for WhatsApp and Twitter.
- Created data collection pipelines then analyzed and displayed them in easy-to-read graphs.
- Identified and assessed new technologies before implementation.
- Migrate the services to use up-to-date technology standers.
- Onboard new developers and help them fit into the team.

**Spherium Finance**, Singapore. (Remote).

(Aug 2019 – Oct 2020)

### Full Stack Developer

- A founding member of a team to develop a cross-chain bridge platform.
- Reduced average request time for most important endpoints from 12s to 2s (**6x faster**).
- Integrated new 12 blockchains into the bridge that allowed users to easily move tokens between them.
- Built the required infrastructure for a transaction queue (API, Cron Job, Scheduler).
- Documented each aspect of the system as a reference for future upgrades and maintenance.
- Technologies: JavaScript/TypeScript, ReactJS, NodeJS, MongoDB and Cloud (AWS).

## PROJECTS:

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### Wallet Ecommerce

[GitHub](#)

- A mobile friendly, production ready and fully featured e-commerce website.
- **Technologies:** TypeScript, React, Redux, MUI, TailwindCSS, NodeJS, Express, MongoDB.

### Receptor

[GitHub](#)

- Real-time messaging app. Available as a website and as MacOS, Linux, and Windows application.
- **Technologies:** JS/TS, React, Redux, Node, Docker, PostgreSQL.

## **SKILLS:**

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### **Language skills:**

- **Arabic:** Native proficiency
- **English:** Full professional proficiency

### **Technical skills:**

#### **Front End:**

- JavaScript (ES5/6)
- TypeScript
- React
- Redux
- NextJS
- Git
- HTML/CSS/SASS

#### **Back End:**

- NodeJS
- ExpressJS
- Socket.io
- Python
- Django
- Flask
- MySQL
- PostgreSQL
- MongoDB
- GraphQL
- Docker
- Rust

#### **Testing:**

- Jest
- Enzyme
- Selenium
- Cucumber
- Cypress

#### **Machine Learning:**

- NumPy
- Pandas
- Matplotlib
- Scikit-Learn
- TensorFlow
- NLP
- Computer vision

### **Transferable skills:**

- Analytical
  - Creative vision
  - Time management
  - Patience
  - Attention to detail
  - Communication
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