

## Abdallah Hassan

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## About Me

I am a highly skilled software engineer with a proven track record as a full-stack developer. Throughout my career, I have successfully managed complex problems, navigated large systems, and handled extensive databases, including datasets reaching up to 100 million records. My expertise extends to optimizing project performance and implementing innovative solutions for AI applications. I have furthered my knowledge by completing courses such as Huawei HCIA AI, enhancing my capabilities in the rapidly evolving field of artificial intelligence.

## Education

### Mansoura University

Faculty of Computer and Information Science

## Work Experience

### Unified Procurement Authority

*Full Stack Developer*

*1 year*

- Collaborated with stakeholders to gather user requirements for medical drug procurement.
- Implemented user requirements into reusable React components and Node.js APIs.
- Developed PostgreSQL functions to enhance system functionality.
- Worked on a financial system to control expenses and revenue within the UPA System.
- Implemented inventory management features for efficient tracking and stock control.
- Ensured the system's responsiveness and efficiency.

### Freelance Full Stack Developer

*1 year*

- Led the design of system architecture and database structure based on user requirements.
- Crafted robust Node.js APIs to power the backend of diverse projects.
- Developed reusable React components to create dynamic and user-friendly frontends.
- Took responsibility for system maintenance and continuous development.
- Ensured high-quality code standards and effective system performance.

## Skills

- Node.js
- React.js
- Git
- JavaScript
- HTML
- CSS
- Microservices
- Python
- SQL
- PostgreSQL
- Machine Learning

## Projects

1. **UPA System for Medical Drugs Requests (Node.js, React.js)**
  - Collaborated with hospitals and medical centers to streamline drug requests.
  - Implemented a financial system to control expenses and revenue.
  - Developed inventory management features for efficient stock tracking.
2. **Sports Management System - Iron (Node.js, React.js)**
  - Developed a comprehensive system for sports management.
3. **Diabetes Management System with AI (Node.js, React.js)**
  - Implemented AI for early disease prediction and patient support.
4. **Blood Bank System (Node.js, React.js)**
  - Facilitated donation requests, connecting people with the nearest donor.
5. **Blog Platform (Node.js, React.js)**
  - Created a dynamic blog for posts and comments.

## Languages

- Arabic (Mother Tongue)
- English (Upper Intermediate)