MOHAMED MAGDY IBRAHIM

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Summary

Results-driven Full Stack Developer with extensive experience in Node.js, React, OutSystems, and database management. Proven success in developing enterprise-level applications for the banking, e-commerce, and insurance industries. Adept at designing, implementing, and maintaining scalable web applications. Strong communicator with a passion for mentoring students in JavaScript, HTML, CSS, and best practices in web development. Committed to delivering high-quality, efficient software solutions and fostering talent in tech education.

Skills

Backend Technologies: Node.js, Express, REST APIs.
Frontend Technologies: JavaScript, React (Redux), CSS/CSS3, HTML/HTML5, Bootstrap.
Databases: MongoDB, Oracle DB.
Development Platforms/Tools: OutSystems, Git Version, Firebase, Docker, Nginx.
Programming Languages: Java, JavaScript
Languages: Arabic (Native), English (Professional Proficiency)
Development Methodologies: Object-Oriented Programming (OOP), Software Design Patterns, SOLID Principles, OutSystems Architecture, Agile Development, Web Application Development

Experience

Full Stack Developer	**Ministry Of Health Oman**	*Cairo, Egypt*	**07/2023 – Current**

- Actively involved in developing and maintaining critical OutSystems applications for the Ministry of Health, Oman
- Utilized OutSystems, SQL database, and OutSystems architecture to deliver effective solutions
- Focused on:
  - Improving healthcare efficiency and enhancing patient experiences
  - Supporting essential public health initiatives through innovative digital solutions

Full Stack Developer	**CGC-Daman**	*Cairo, Egypt*	**08/2023 – 07/2024**

- Developed and implemented a comprehensive OutSystems application for CGC Daman to streamline the guarantee submission process for bank and Daman users
- Leveraged SQL database and OutSystems canvas architecture to deliver an efficient and scalable solution
- Enhanced operational efficiency by:
  - Accelerating customer handling processes
  - Optimizing submission workflows for new guarantees
  - Contributing to increased profitability for the bank through process improvements

Full Stack Developer	**Orient Takaful**	*Cairo, Egypt*	**04/2022 – 08/2023**

- Developed comprehensive enterprise solutions for Orient Takaful Insurance: Developed comprehensive enterprise solutions for Orient Takaful Insurance, focusing on robust applications with: Node.js, MongoDB, Oracle DB, React, Redux, Next.js, and Firebase
- Integrated external APIs to:
  - Automate data transfers, significantly reducing manual effort
  - Streamline processes and enhance data tracking between Orient Takaful and broker users
- Developed versatile APIs to facilitate integrations for Orient Takaful's motor, home, and medical insurance products, enabling:
  - Seamless data exchange and streamlined processes for third-party partners
  - Growth and collaboration within the insurance industry

Full Stack Developer	**Spec Tech**	*Cairo, Egypt*	**11/2021 - 04/2022**

- Designed and implemented a comprehensive e-commerce platform for Sata Group, optimizing vendor management and streamlining the buy/sell process for clients. Utilized Node.js, React, Redux, and MongoDB to build a scalable and efficient solution.

Full Stack Developer	**Canzoni Consultant**	*Cairo, Egypt*	**07/2020 - 07/2021**

- Designed and launched a web application offering educational resources to over 1,500 international students, enhancing awareness of Egyptian academic programs and streamlining the enrollment process using Ruby on rails.

Full Stack Instructor (Part-Time)	**Various Institutions**	*Cairo, Egypt*	**07/2023 – 09/2024**

- Instruct full stack development courses, covering frontend technologies like React and Angular, and backend technologies including Node.js, MongoDB, Oracle DB, and Express. Mentor students in best practices for web development, helping them build practical skills and knowledge.

Education

Bachelor of Computer and Artificial intelligence	**Helwan University**	*Cairo, Egypt*	**09/2016 - 05/2020**

- Major in Information system

Scholarship in Full Stack Development (MEARN Stack)	**Information Technology Institute (ITI)**	*Egypt*	**08/2021 - 11/2021**

- Intensive program focused on full-stack development with a specialization in MEARN (MongoDB, Express, Angular/React, Node.js) stack.

Projects

- **cryptocurrency:** Designed and developed a cryptocurrency application, gaining hands-on experience with **blockchain** using **Node.js, React.js**, **Redux**, and **MongoDB** (08/2022 – 11/2022).
- **Adva Real Estate:** Built a **real estate web application** for **Adva Company** using **React.js**, **React-Bootstrap**, and **CSS** (03/2022).
- **Social Network:** Developed a safe social networking application for children (Graduation Project) using **Flutter**, **State Management (Provider)**, **REST APIs**, and **Firebase**.
- **Food Shop:** Created a **desktop food shop system** using **Java** and **MySQL** (NetBeans IDE).

Others

Udacity (Ministry of Communication and IT): Front-End Web Development with **JavaScript** & **Node.js** (02/2021)
MongoDB: M001: MongoDB basics Certification **(10/2021)**
Mahara-Tech (ITI Platform): Certificate of completion for **JavaScript** Certificate