

# MUHAMED KHODAIR

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## Software Developer

I am a highly motivated and dedicated web developer with a genuine passion for crafting exceptional web applications. With a strong foundation in coding and a proven track record of delivering high-quality projects, I am committed to pushing the boundaries of web development. My insatiable curiosity drives me to continuously seek out new technologies and techniques, enabling me to adapt quickly and effectively to evolving industry trends.

## TECHNICAL PROFICIENCIES

- **React.js:** Developed several web applications using React.js, including a CRM system for managing customer interactions and a dashboard for real-time data visualization. Proficient in state management with Redux and React hooks.
- **Node.js:** Extensive experience in building server-side applications with Node.js, including RESTful APIs and web servers. Familiar with popular frameworks like Express.js and authentication methods like JWT.
- **JavaScript:** Advanced knowledge of JavaScript ES6+ syntax and features. Skilled in using JavaScript for both frontend and backend development, including DOM manipulation, asynchronous programming, and event handling.
- **CSS3:** Strong understanding of CSS3 concepts such as Flexbox, Grid layout, and CSS preprocessors like Sass. Experience in creating responsive and visually appealing user interfaces.
- **HTML5:** Proficient in writing semantic and accessible HTML code. Familiar with HTML5 APIs such as Geolocation API and Canvas API.
- **MySQL:** Hands-on experience in designing and managing relational databases using MySQL. Skilled in writing complex SQL queries, optimizing database performance, and ensuring data integrity.
- **PostgreSQL:** Familiarity with PostgreSQL database management system. Experience in migrating data from MySQL to PostgreSQL and optimizing queries for performance.

## PROFESSIONAL EXPERIENCE

Cargas Ngvc, Cairo  
Software Developer

2022 – Present

Utilized programming skills in the HR field to create a unique role.

Developed a Node.js app to send WhatsApp messages.

Created a web database application using React for the frontend, Node.js for the backend, and MySQL for the database.

Assisted teammates in scraping data from websites to Excel using Node.js.

Apostrophe

2024 – Present

*Software Developer (Part-time)*

Alongside my full-time role, I am working part-time at Apostrophe as a web developer. In this position, I have developed an application for managing courses, complete with an admin panel. This project involved using Next.js for the frontend development and PostgreSQL for the database management. Balancing this part-time job with my full-time commitments has allowed me to hone my time management and multitasking skills, while continuing to grow my expertise in web development technologies.

## Projects

### WhatsApp Automation

Created an application to automate sending WhatsApp messages using Node.js. [GitHub Link](#).

### HR Database

Developed a web application to synchronize between two databases using React, Node.js, and MySQL. [GitHub Link](#).

## EDUCATION

B.C., Helwan University Oct. 2009 – June. 2013

Udacity Web Development Professional Nano Degree Sep. 2020 – Oct. 2020

Udacity - Advanced Web Development Nano Degree Dec. 2020 – Jan. 2021

## Languages

Arabic | English