

Khaled Waleed Atia



Software Engineer/Back end

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Education

BACHELOR OF SCIENCE IN COMMUNICATION AND COMPUTER ENGINEERING

Sep 2020 - Jul 2025

Faculty of Engineering Mansoura University

Work Experience

Backend Engineer at PUIUX

Started August 2024 -Present

[Examist.sa](https://examist.sa)

- Updated the back-end infrastructure for the Examist.sa platform.
- Designed and implemented RESTful APIs using Node.js and Express to add new features to the application.
- Integrated tamara payment gateway.
- Database management using MongoDB, optimized for handling large question banks and user analytics.

Skills: MongoDB – Node.js – RESTFULL APIs – Payment Integration – Express.

Projects & Contributions

[Health Mate Lite](#)

Health Mate Lite is a backend project built with Node.js, MongoDB, TypeScript, and GraphQL. It enables users to track their health-related activities, set goals, and monitor their progress.

- User registration and Login.
- Daily Steps tracking.
- Fitness Goals.
- Calorie Tracking.

Skills: Node.js – Express.js – MongoDB – TypeScript – JWT Auth

[Javeats](#)

- RESTFULL API for a restaurant ordering system made with Node.js, TypeScript, and Postgres
- Based on MVC pattern using functional programming
- TypeScript for Safe Typing

- Supports authentication and authorization.

Skills: Node.js – Express.js – PostgreSQL – TypeScript – JWT Auth

UCCD Mansoura Engineering Website

- Certificate generation and verification web app using React.js, Redux for front-end.
- Developer back-end with Node.js, express and MySQL database.

Skills: HTML – CSS – JavaScript – React.js – Redux – Node.js – Express.js

Chat application

- Simple chat app using Node.js, Express.js and socket.io.

Skills: JavaScript – Node.js – Socket.io

Task Manager API

- API for managing tasks built with Node.js and MongoDB
- Supports authentication and authorization.

Skills: JavaScript – Express.js – MongoDB - JWT

Skills

Frontend Technologies:

React – REST APIs - GraphQL - JavaScript – Typescript - CSS - HTML – Next.js

Backend Technologies:

Node.js – Express - RESTFULL APIs – Database design – SQL – PostgreSQL – TypeScript – JavaScript – GraphQL APIs – Postman - Prisma

Other:

Git - GitHub - npm – Problem solving Skills – Algorithms – Data structures – Teamwork Skills – Communication Skills

Spikes

- Vice Head Technical, ICPC Mansoure – sep 2023
- Webmaster, IEEE Mansoura Student Branch - Mar 2023 – Oct 2023

Languages

- Arabic – Native
- English - Intermediate