



# Ahmed Zakaria

## Full-Stack Developer

✉ ahmadzagr450@gmail.com ☎ 01060785736 📍 Menofia  LinkedIn  Github

## Education

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### Computer Science

Faculty of Computer&Information - Menoufia University

- Relevant Coursework: Operating Systems, Data Structures, Logic Design, Computer Networks, Computer Architecture, and OOP.
- GPA: 3.2 / 4.00

## SUMMARY

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**Junior Software Engineer | Full Stack Developer** with a strong foundation in **algorithms, data structures, and problem-solving**.

Proficient in **HTML, CSS, React, Redux, Redux Toolkit, React Query, Zustand, TailwindCSS, SASS, Bootstrap, Next.js**.

Experienced in backend development with **Node.js, Express.js** and databases including **MongoDB** and **Supabase**.

## Projects

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### Learnova

2024/10 - 2025/06

#### Smart School System

**Graduation Project:full-stack smart school management system (Learnova) with role-based access for Admins, Teachers, Students, Parents, and Managers. Implemented authentication flows including onboarding, role selection, login, and password recovery. Built a responsive Android UI with splash screen and smooth navigation. Designed comprehensive system models: use case, sequence, class, state, activity, and data flow diagrams. Focused on real-world education needs, improving communication, attendance, and performance tracking.**

### shopHub

Developed a full-featured e-commerce web application using Next.js and Node.js.Implemented user and admin roles with secure authentication and authorization.Built core features including product management, shopping cart, coupons, and order handling.Integrated responsive UI, optimized performance, and ensured smooth user experience.

### the-wild-oasis

The Wild Oasis, a hotel management application designed for hotel employees to efficiently manage cabins, bookings, and guests. This app leverages Supabase for the backend and utilizes advanced React techniques such as Higher-Order Components (HOCs) and React Query for state management and data fetching.

### WorldWise

The WorldWise app is a travel tracker that allows users to mark visits and wishlist locations on a map and you can identify your location. It displays detailed country information, such as names and flags, fetched via APIs. Users can perform CRUD operations to manage their travel destinations.

### Fast-react-pizza

The Fast React Pizza project is a simplified pizza ordering app for managing orders efficiently. It allows users to add pizzas to an order, calculate the total price, and update or remove items from the order list. The app includes dynamic pricing based on toppings and Priority. It focuses on practicing state management, React hooks and I used Tailwind CSS

### E-commerce

E-commerce Web Application allows users to browse products, add items to a cart, add items to favorite and view detailed product information, and manage their accounts. It is made by using HTML, CSS, BOOTSTRAP, JS

## TECHNICAL SKILLS

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#### Technologies/Frameworks:

HTML, CSS, React, Redux, Redux toolkit, React Query, Zustand, Tailwind CSS, SASS, Bootstrap, Next.js, Node.js, Express.js, MongoDB and Supabase.

#### Developer Tools and Platforms:

Git & GitHub, VS Code, Postman, Figma and XAMPP.

#### Skills:

Data structure, OOP and Algorithms

#### Languages:

Java Script, C++, Python, JavaScript.

## ACHIEVEMENTS

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I competed in the Africa & Arab Collegiate Programming Championship (ACPC).

Completed more than 15 front-end challenges on UI challenge sites and some backend projects and challenges

## Languages

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Arabic (Native Speaker)

English (Good)