

Khaled Mohamed

Software Engineer

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SUMMARY

Results-driven Mobile Software Engineer and Backend Developer with over 3 years of experience building and deploying high-performance applications. Specialized in Flutter for cross-platform mobile development and Next.js for server-side and API backend solutions. Proven ability to design scalable app architectures, integrate third-party services, and deliver user-focused software products. Strong background in Firebase, REST APIs, state management, and cloud deployments using Vercel, Firebase, and AWS. Experienced in working within agile teams, leading development from concept to launch, and ensuring code quality through testing and version control.

EXPERIENCE

Backend Developer 02/2024 - 02/2025
DeepMeels

At Deelmeels, I worked as a backend developer, focusing on building reliable and scalable server-side solutions for various software products. I primarily used Next.js (API routes) to develop backend services, along with other modern technologies to deliver high-quality, efficient systems.

- Built and maintained RESTful APIs and serverless backend services using Next.js API routes.
- Integrated third-party services, authentication systems (OAuth, JWT), and payment gateways.
- Worked with cloud services like Vercel, AWS, and Firebase for hosting and deployment.
- Optimized database operations and managed backend logic with PostgreSQL, MySQL, and MongoDB.

Flutter Developer 02/2022 - 02/2025
Code Have

At Code Have, I worked as a lead Flutter developer responsible for building and maintaining high-performance mobile applications from scratch. I collaborated with cross-functional teams, including UI/UX designers, backend developers, and product managers, to deliver scalable solutions for various clients.

- Engineered a cross-platform mobile application using Flutter, reducing development time by 40% and enhancing user engagement by 30%.
- Developed and deployed multiple feature-rich Flutter applications for Android and iOS platforms.
- Integrated RESTful APIs, WebSocket, Firebase services, and third-party SDKs.
- Implemented clean architecture and state management solutions like Provider, Bloc, and Riverpod.

EDUCATION

Computer Science 06/2019 - 06/2023
Faculty of Computer and Information Technology - 2.6

Graduated with a Bachelor's Degree in Computer and Information Technology

- Completed a comprehensive curriculum covering software engineering, databases, operating systems, networks, and web/mobile development.

SKILLS

WebSocket	MySQL
GraphQL	GitHu
Cloud AWS	b Git
ERP System	JavaScript
Firebase	TypeScript
MongoDB	Flutter
PostgreSQL	Dart
SQL server	

LANGUAGES

Arabic	English
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PROJECTS

Life Line

https://github.com/mo7amed4522/test_app

Lifeline is an advanced hospital management and emergency response app designed to enhance patient care, streamline hospital operations, and provide real-time medical support. Whether it's booking appointments, tracking patient records, managing emergency cases, or coordinating medical staff, Lifeline ensures a faster, more efficient, and connected healthcare system.

My eye

<https://github.com/mo7amed4522/Eye>

MyEye is a revolutionary voice-controlled travel booking app designed for the visually impaired. With a fully accessible voice interface, users can search, book, and manage their trips hands-free. No need for touchscreens—just speak, and MyEye will handle the rest.

Hotelo ERP System

https://github.com/deepMindis/HOTELO_BACKEND

Hotel Management Backend is designed to streamline hotel operations, manage bookings, and enhance guest experiences. Built using TypeScript for type safety and MySQL for efficient data storage, it provides a powerful and scalable solution for hotels, resorts, and hospitality businesses.

Food GO

<https://github.com/mo7amed4522/User-App>

Food GO connects you with passionate home chefs who prepare delicious, hygienic, and nutritious meals just like home! Whether you miss mom's cooking or want a break from restaurant food, we bring you authentic homemade dishes made with fresh ingredients and no preservatives.

My Dress ERP System

https://github.com/mo7amed4522/dressing_backend

Technologies: PHP, MySQL, JavaScript (AJAX), HTML/CSS, RESTful APIs

- Developed a **secure backend system** for an e-commerce dress store using **native PHP** (no framework) with **MVC-like architecture**.
- Implemented **user authentication**, **role-based access control**, and **secure session management** to protect admin and staff accounts.
- Built **product management** (CRUD operations), **inventory tracking**, and **order processing** (status updates, invoicing, refunds).