Mohamed Khaled Shaaban

Full-stack Engineer

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Full-stack Engineer with **6+ years** of experience delivering high-performance B2C/B2B applications in FinTech, SaaS, and enterprise systems. Specialized in **MERN** stack and **Flutter/React-Native**, with proven skills in microservices, scalable architecture, and DevOps automation. Adept at transforming complex UI/UX into user-friendly digital products that enhance customer retention and system efficiency.

AREA OF EXPERTISE

Frontend
- React JS
- Next JS
- React Native
- Javascript ES6+
- Typescript
- Redux, Zustand
- React Query
- SCSS
- HTML5
- Flutter, Dart

Backend
- Node JS
- Express
- MongoDB
- Mongoose
- REST Apis
- Web Sockets
- JWT

Architecture
- Micro Frontend
- Microservices
- RabbitMQ
- PullMQ
- Elastic search
- ACID Transactions
- Design pattern

DevOps
- Linux
- Docker
- Azure, GCP
- CI/CD
- Git
- App store connect
- Google play console
- Agile

KEY ACHIEVEMENTS

- Refactored legacy hotel booking system into responsive SPA, improving mobile usability by 80%.
- Re-architected backend into modular microservices, improving deployment agility and scalability.
- Automated Git workflows and CI/CD pipelines, reducing release cycle time by 40%

PROFESSIONAL EXPERIENCE

Firefly   Dubai, UAE

Full-stack engineer   *May 2023*

- Developed an enterprise portal to manage cloud assets across providers using the MERN stack
- Integrated high-performance REST APIs to deliver reliable data services for the portal
- Optimized Elasticsearch queries, improving performance with large-scale datasets.
- Translated Figma designs into pixel-perfect, performant web interfaces.

Accuindex   Dubai, UAE

Full-stack developer   *Dec 2021 - May 2023*

- Built trading dashboard for MT5 users with secure wallet, transaction, and account management.
- Built CRM to manage the overall application from users, customers, dashboards and transactions
- Designed backend microservices and event-driven architecture for robust financial operations.
- Integrated payment APIs and implemented CI/CD pipelines via Docker and Azure.
- Established CI/CD pipelines with docker and Azure, enabling frequent deployment.

OJ Lifestyle   **Dubai, UAE**

Full-stack developer

Nov 2020 - Dec 2021

- Developed subscription-based mobile apps using Flutter + MVC/MVVM architecture.
- Integrated Stripe and provided personalized services to segmented user groups.

Tripworld   **Dubai, UAE**

Front-end developer

Sep 2019 - Nov 2020

- Built scalable codebases for three interconnected hotel booking platforms.
- Improved app performance by 80% through optimization and refactoring.
- Worked closely with the UI/UX team to enhance usability and conversion.
- Implemented a Git branching strategy to optimise the development workflow.

Education

MISR UNIVERSITY FOR SCIENCE AND TECHNOLOGY
Computer Science
Cairo, EGYPT

Languages

Arabic - Native
English - Proficient

SOFT SKILLS

- AI Tools
- Communication
- Leadership & Mentorship
- Cross-functional Team Collaboration
- Documentation & Presentation
- Analytical & Problem-Solving
- Searching