

# YOUSHAA FANOUS

Software And Information Systems Engineer | Mobile Applications Developer

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## SUMMARY

I'm an Informatics Engineer, passionate and adept Mobile Application Developer leveraging my proficiency in Flutter to craft dynamic and engaging mobile applications with over 4 years' experience. With a strong foundation in user interface design and agile development, I strive to deliver high quality, scalable solutions that exceed user expectations. Skilled at collaborating with multidisciplinary teams to create innovative products that resonate with users. Eager to drive project success and contribute to cutting-edge mobile development initiatives.

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## EDUCATION

Software and information systems engineering

Homs University 2018-2023

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## COURSES

Flutter frame work and dart programming language

Darrebni | Mar 2023 - Sep 2023 | Homs, Syria

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## WORK EXPERIENCE

Flutter Desktop and Mobile App Developer  
YES, For Online Services — Homs, Syria (Insight)

SEP 2022 – JUN 2025 | Full Time

- **Team management Desktop app**
  - Developed a Flutter based desktop app used by 30+ employees, improving task management efficiency by 30%.
  - Created projects, assigned tasks, and tracked project progress: Enabled efficient project management by creating projects, assigning tasks, and providing comprehensive project tracking, including status updates.
  - Built a comprehensive dashboard for administrators and project supervisors: Developed a comprehensive dashboard for administrators and supervisors to monitor and manage all aspects of project progress, employee performance, and overall team operations.
  - Implemented real-time functionalities using Socket.IO: Implemented real-time functionalities using Socket.IO, enabling the display of all active users, their status (working, break, or online), and facilitating seamless communication.
  - Developed a WhatsApp-like desktop chat service for employees: Created a user-friendly chat service, similar to WhatsApp, for effective internal communication among employees.
  - Integrated email and local notification systems: Implemented email and local notification systems to ensure

timely communication and updates for all events and tasks.

- **iDBOOK Desktop application**
  - Developed a cross-platform desktop app (Windows/macOS) for managing iDBOOK requests, integrating real-time notifications and user management.
- **Release IOS Versions**
  - Configured macOS for Flutter development and debugged application code using Xcode: Successfully configured macOS to work with the Flutter environment, and utilized Xcode for running and debugging the application code after adding necessary package permissions.
  - Released test flight versions of the app: Successfully released test flight versions of the application, facilitating user testing and gathering feedback.
- **iDBOOK orbit**
  - made the full orbit section, for viewing advertisings and polls, reorder them according to their weights and make timer for listening to the user favorite plans to raise its weight using real time events and made user reactions on the posts using real time and much more.
- **iDBOOK promoter**
  - Made a separate mobile application for promoters that will be used for adding free plans easily by promoter from its location.
- **iDBOOK**
  - Integrate with Syriatel and MTN ePay.
  - participate as technical support.
- **Google Play: [iDBOOK](#)**
- **JENA mobile application**
  - Developed a mobile app for Jena Company, specializing in dairy and food products.
  - Enabled representatives to create account statements and invoices both online and offline:
    - Data syncs automatically when the connection is restored.
    - Handles exchange rate changes in real-time, updating invoices and stored product prices seamlessly.
  - Integrated Firebase notifications to alert representatives of exchange rate changes.
  - Added functionality to print invoices via Bluetooth printers in Arabic and save them as PDFs.
  - Included features for viewing, managing, and printing invoices and records efficiently.

**Flutter Developer**  
**ESIMLY.IO VARICHO PARIS LTD — Dubai, UAE (Remote)**

OCT 2024 – MAR 2025 | Part Time

- Working on eSimly dashboard application for android Tablets, and exe windows application.
- Release IOS version for the eSimly user application.
- Apply obfuscation, for APK Android version using Proguard tool.
- Google play: [eSimly: eSim Internet & Travel](#)

**Flutter Developer & Software Engineer**  
**Meta for Informatics Solutions — Dubai, UAE (Remote)**

AUG 2024 – Present | Full-Time

- Working on a production restaurant POS ecosystem serving Coffee Lab branches in Greece and Dubai, used daily in real business operations.

- Contributed to POS (Cashier), Waiter, Admin Dashboard, and QR Menu Web applications.
  - Fully developed the Kitchen Display (KD) application end-to-end, including real-time order flow, status tracking, and kitchen section management.
  - Built all applications as multi-platform Flutter solutions (Android, iOS, Web, Windows, macOS).
  - System Architecture & Technical Contributions
    - Designed a local-first, offline-ready architecture using **ObjectBox** as a full local database to ensure uninterrupted operation without internet.
    - Implemented an internal server model, where the Cashier app acts as a local WebSocket server, and all nodes (KD, Waiter) connect to it in real time.
    - Used **Singular** for hub-based real-time communication, enabling instant order propagation and status synchronization.
    - Applied **DDD (Domain-Driven Design)** with BLoC & Cubit state management for scalability and maintainability.
    - Integrated Firebase Cloud Messaging for real-time notifications and Crashlytics for monitoring.
    - Implemented Google Maps live delivery tracking.
    - Integrated multiple payment methods, including cash, pay-later, and credit card payments via **Mellon Bank**, **VIVA Wallet**, and **ePay Group**.
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  - **Google Play:** [POS](#), [Kitchen Display](#), [Waiter](#)
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## SKILLS

### Programming Languages:

- Dart, Java, C++, Python, HTML, CSS, JavaScript.

### Flutter & Architecture:

- Flutter (Mobile, Web, Desktop)
- BLoC & Cubit State Management
- Getx State Management
- Domain-Driven Design (DDD)
- Clean Architecture, MVC
- Dependency Injection (get\_it)
- Routing (go\_router)
- Localization & Theming

### Databases & Offline

- ObjectBox (Offline-First Architecture)
- Shared preferences and Hive.
- Local Data Synchronization
- Data Caching & Conflict Resolution

### Real-Time & Backend Integration

- WebSocket
- Socket.IO
- Real-Time Event Hubs (Singular)
- RESTful APIs

### Payments & Services

- Credit Card, Cash, Pay-Later Payments
- Mellon Bank Integration

- VIVA Wallet
- ePay Group
- Syriatel and MTN ePay.

### **Cloud & Tools**

- Firebase Cloud Messaging (FCM)
- Firebase Crashlytics
- Google Maps & Live Tracking
- CI/CD (GitHub, GitLab, bitbucket)
- ProGuard & App Obfuscation
- Flutter Flavor

### **Platforms**

- Android, iOS, Web, Windows, macOS
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### **LANGUAGES**

- Arabic — Native
  - English — Excellent
  - German — A2
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