

# Fady Fouad

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Software engineer, Cairo, Egypt. Five years building and shipping iOS, Android and Flutter applications, with a focus on Arabic-first products and on the reusable parts that come out of them.

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## Experience

### Mobile Developer, Almohtawa

Giza, Egypt. 07/2023 to present.

- Build and maintain production mobile applications across platforms.
- Run testing and code review to hold code quality and application reliability.
- Improve app performance through profiling, debugging and targeted optimisation.

### Mobile Developer, EgySystem

Cairo, Egypt. 02/2023 to 07/2023.

- Designed and implemented new features for an iOS application alongside the team.
- Launched an iOS app with a reworked interface and better measured performance.
- Raised stability by fixing critical defects and bringing the crash rate down.

### Flutter Developer, Grand Technology

Giza, Egypt. 02/2022 to 02/2023.

- Applied clean architecture so features stayed maintainable as the codebase grew.
- Wrote UI and unit tests to keep releases stable.
- Focused on defect fixing and application performance.

### Flutter Developer, Tele Support

Cairo, Egypt. 05/2021 to 01/2022.

- Built several applications using Provider, BLoC and GetX for screen interaction.
- Architected Flutter projects against current best practice.
- Integrated third-party libraries, including Syncfusion Flutter XLSIO and Google Maps.
- Worked with design, UX and testing to deliver finished work rather than demos.

## Mobile Developer, freelance

Cairo, Egypt. 2018 to present.

- Delivered features in Java, Kotlin and Swift across a range of applications.
- Built back ends and REST APIs to support those applications.
- Applied clean architecture, SOLID principles and standard design patterns.
- Worked with mobile databases, Android UI design principles and agile delivery.

## Selected work

- **Al-Nahw Al-Kafi** — an Arabic grammar reference on Google Play, the App Store and the web. More than 100,000 installs. [Play](#) — [App Store](#) — [alnahwalkafi.com](https://alnahwalkafi.com)
- **swipe\_action\_cell** — a Flutter swipe widget whose two directions carry different meanings. Full pub points on pub.dev. [pub.dev](#) — [source](#)
- **Connect4Sports** — social and e-commerce application, delivered for a client.
- **Buy2** — e-commerce application for managing stores in the United States.
- **Ta7t Eltalab** — end-to-end on-demand service platform.
- **TS Project Manager** — project management tool organising employee tasks.
- **Fun Math** — a small game for drilling arithmetic basics.

## Education

### M.Sc. in Computer Science, Helwan University

Cairo, Egypt. 01/2026 to present.

### B.Sc. in Communication Engineering

Higher Institute of Technology and Engineering, Fifth Settlement, New Cairo. 2019.

- Undergraduate project: Smart Assistant.

## Skills

| Group     | Skill  | Detail                                   |
|-----------|--------|------------------------------------------|
| Languages | Dart   | Primary language for cross-platform work |
| Languages | Kotlin | Native Android features                  |
| Languages | Swift  | Native iOS features                      |
|           |        |                                          |

| Group        | Skill                          | Detail                                        |
|--------------|--------------------------------|-----------------------------------------------|
| Languages    | Java                           | Android and back-end                          |
| Platforms    | Flutter                        | Cross-platform application development        |
| Platforms    | Android                        | UI design principles and platform APIs        |
| Platforms    | iOS                            | Feature work and release                      |
| Platforms    | Unix-like systems              | Linux, macOS                                  |
| Architecture | Clean architecture             | Applied across production projects            |
| Architecture | SOLID                          | OOP and software design methodologies         |
| Architecture | Data structures and algorithms | Knowledge and understanding of both           |
| Architecture | REST API                       | Strong understanding and use of REST services |
| Practice     | Git                            | Analytical user of version control            |
| Practice     | Agile                          | Basic knowledge of agile methodologies        |
| Practice     | Testing and code review        | UI and unit testing for stability             |
| Practice     | State management               | BLoC, Provider, GetX                          |

## Service

Military service completed.