

# Nidal Bakir *Software Engineer / Flutter Developer*

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## Profile

Software Engineer with 4+ years of experience in mobile app development using Flutter and native Android. Skilled in scalable architecture, clean code practices. Proven track record of delivering high-quality, performant apps for diverse industries.

## Professional History

### QIT, Software Engineer / Flutter Developer

04/2023 – present

Developed hybrid mobile applications for Android and IOS platforms, ensuring optimal performance and user experience.

- Crafted architectures, standards, and app skeletons for building applications with comprehensive guidelines and docs.
- Designed, implemented, and tested Flutter and Dart projects utilizing clean code architecture for IOS and Android.
- Collaborated on stages of the systems development lifecycle from requirement gathering to production releases.
- Created detailed software documentation that reduced onboarding time for new developers by 20%.
- Supported other team members' initiatives by developing solutions to common problems and sharing those solutions.

### Doors Tech. Company, Lead Software Engineer / Flutter Developer

01/2021 – 03/2023

Developed and maintained mobile applications across multiple platforms, including Android and iOS.

- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.
- Directed project staff and contractors in the implementation of negotiated approaches to systems development on major IT projects.
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations.

## Recent Projects

### IbtiPark, QIT

- Developed a hybrid parking app with QR code scanning and Sunmi printer integration.
- Trained a YOLO model using OpenCV; deployed it via FastAPI with ONNX Runtime inside Docker containers.
- Improved parking automation and streamlined backend deployment.

**Tech:** Flutter, Dart, Python, YOLO, OpenCV, FastAPI, onnxruntime, Docker

### Ishtar, QIT

- Developed the core architecture for a scalable B2C e-commerce app.
- Integrated with custom backend APIs for catalog, cart, and checkout features.

**Tech:** Flutter, Dart, REST APIs

### PAWS, QIT

- Enhanced app features and redesigned UI elements based on client feedback.
- Improved app stability, UX, and API communication reliability.

**Tech:** Flutter, Dart, REST APIs

### F.E.T Academy, QIT

- Led development of the FET Academy suite (LMS, Exams, Student apps).
- Owned full Flutter lifecycle: architecture, coding, unit testing, QA interfacing, production delivery.

**Tech:** Flutter, Dart, REST APIs, Bitbucket Pipelines

### BRK, QIT

- Maintained app compatibility with the latest Flutter versions and secured dependencies.
- Ensured stability with up-to-date third-party integrations and API handling.

**Tech:** Flutter, Dart, REST APIs

### LIBLAB, QIT

- Refactored and optimized the app's codebase for better performance and maintenance.
- Improved API communication handling and added documentation for future scaling.

**Tech:** Flutter, Dart, REST APIs, SQLite

## Skills

**Mobile Development:** Flutter, Dart, Java    |    **Backend Development:** Go, Firebase, Parse-platform, Supabase    |    **DevOps:** Docker, GitHub Actions, GitLab Pipelines, Bitbucket Pipelines    |    **Databases:** PostgreSQL, SQLite, Redis    |    **Tools:** Google Maps, Huawei Maps, Stripe, PayPal    |    **Testing:** Unit Testing, Widget Testing, Integration Testing    |    **Other:** Linux (Daily Driver)