TONY MIKHAEL SORYAN

SOFTWARE ENGINEER | FLUTTER DEVELOPER

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SUMMARY

Flutter Developer | Full-Stack Mobile Solutions

- Recent Computer Engineering graduate with hands-on experience building scalable, production-ready Flutter applications using Clean Architecture, Bloc/Cubit, and Firebase. Proven ability to deliver full-cycle mobile appsfrom concept to deployment—with a focus on performance, UX, and real-world impact. Passionate about AI integration, offline-first design, and modern development practices.

- Built 5+ Flutter apps with REST APIs, offline support, and payment integration. Graduation project awarded top honors for innovation in AI-powered safety systems.

EDUCATION

Bachelor's in Computer Engineering   **Dec 2020 - May 2025**

Faculty of Engineering, Shoubra – Benha University
GPA: 3.5/4.0 (Very Good – 83%)
Thesis: AI-Powered Shark Detection System (Awarded Top Project in Dept)
Relevant Coursework: Software Engineering, AI & Machine Learning, Mobile Computing, Database Systems

TECHNICAL SKILLS

- Languages: Dart, JavaScript, C++, Java
- Frameworks & Patterns: Flutter, Bloc, Cubit, Provider ,MVC, MVVM, Clean Architecture, NodeJS
- Backend/Databases: Firebase, Supabase, MySQL, SQLite, Hive, Shared Preferences
- Tools: Git, GitHub, Postman, CI/CD, VS Code
- APIs: RESTful APIs, Stripe, PayPal, Paymob Integration
- Others: Localization, Debugging, Deployment, Responsive UI, UI/UX Design

PROFESSIONAL EXPERIENCE

Mobile Development Trainee | Kimit Academy   **Jul 2024 – Sep 2024**

- Completed a 120-hour intensive bootcamp in full-stack mobile development using Flutter.
- Built 3 real-world apps with REST APIs, authentication, and Clean Architecture.
- Mastered Git workflows, CI/CD basics, and responsive UI patterns.

Instructor | MSP Society, Faculty of Engineering, Benha University   **Jan 2023 – Apr 2023**

- Designed and delivered hands-on workshops in Flutter and Dart for 20+ engineering students.
- Mentored student teams in building mini mobile apps, improving engagement by 40%.
- Introduced core concepts: UI design, state management (Cubit), and Firebase integration.

PROJECTS

- **AI-Powered Shark Detection System (Graduation Project with Excellent Grade)** 🔗 link

  Real-time shark detection using YOLOv8 on NVIDIA Jetson, with Flutter frontend for live video streaming, buzzer alerts, and Firebase notifications. System achieved 92% detection accuracy in coastal test environments.
  Tech: Flutter (Web & Mobile), YOLOv8, Jetson Nano, Firebase, Supabase, flutter_mjpeg

- **Electronic shop (freelancing)** 🔗 link

  E-commerce Flutter app for local electronics vendor. Enabled QR-based inventory tracking, offline browsing, and Arabic/English localization. Reduced manual tracking time by 60%.
  Tech: Flutter Web, Firebase Auth, Supabase, Shared Preferences, Cubit

- **Osrty**

  Mobile app for tracking children's attendance and academic progress in church programs. Features secure Firebase Auth, offline data sync via Hive, and role-based access. Adopted by 2 local parishes for pilot use.
  Tech: Flutter, Firebase Auth/Firestore, Hive, Cubit

- **ScanTrack(freelancing)** 🔗 [link](#)
  A QR-based student attendance tracking app for supervisors. Each student has a unique QR code for quick, accurate scans.
  Tech: Supabase, Shared Preferences, Cubit, mobile_scanner
- **Online Book Store** 🔗 [link](#)
  A mobile app for browsing and saving free books. Includes user authentication, offline favorites, and a localized UI with smooth transitions.
  Tech: Firebase Auth, Hive, Dio (REST API), Cubit, Hero Animation, Localization

CERTIFICATIONS

Complete Mobile Development Bootcamp (Certificate of Completion – 120 hours) **Feb 2024 – May 2025**

- Worked on cross-platform mobile applications using Flutter, focusing on implementing UI designs, integrating RESTful APIs, and managing app state with Cubit. Contributed to debugging, testing, and performance optimisation.

Udemy Courses:

- Flutter for Beginners
- Advanced Flutter – Clean Architecture
- Google Maps Integration in Flutter
- Adaptive and Responsive UI
- Version Control with Git & GitHub
- Flutter Payment Integration (Stripe, PayPal, Paymob)
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ADDITIONAL INFORMATION

Languages

- Arabic: Native
- English: Professional Working Proficiency

About graduation project

- We successfully secured the leading project within the Computer Engineering Department of my faculty.