

# TONY MIKHAEL SORYAN

## SOFTWARE ENGINEER | FLUTTER DEVELOPER

elzaitoun, Cairo, Egypt | tonyMikhael100@gmail.com | +20 155 136 1200

 <https://www.linkedin.com/in/tony-mikhael-049197233>

 <https://tony-mikhael.netlify.app>

 <https://github.com/tonyMikhael100/>

---

## 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 apps from 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 honours 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

- Programming Languages: Dart, JavaScript, C++, Java
- Frameworks & Architecture: Flutter, Node.js, Bloc, Cubit, Provider, MVC, MVVM, Clean Architecture
- Backend & Databases: Firebase, Supabase, MySQL, SQLite, Hive, Shared Preferences
- APIs & Integrations: RESTful APIs, Stripe, PayPal, Paymob, third-party SDKs
- Tools & Platforms: Git, GitHub, Postman, VS Code , Flavors
- UI/UX & App Development: Responsive UI, Localisation, Debugging, Deployment, UI/UX best practices
- CI/CD pipelines: Test flight , App store , Google play

## PROFESSIONAL EXPERIENCE

### Software Engineer & AI Prompt Engineer | Hive Tech

JUL2025 - SEP2025

- Design and optimise prompts to improve LLM accuracy, consistency, and usability.
- Developed Elkmash Chat app, a chatting app for the Elkmash group.
- Collaborate with teams to integrate LLM-powered features into client applications.
- Build and maintain scalable software modules with clean, maintainable code.
- Research and test advanced prompting techniques to drive business automation and innovation.

### Flutter Developer | PanArab Media (Part Time Remotely)

SEP2025 - Present

- Architecting Marah World, a major children's edutainment hub serving Million+ families across the Middle East with high-concurrency video and interactive content.
- Resolved critical bugs and performance bottlenecks, increasing app stability and maintaining a 99.9% crash-free rate.
- Implemented scalable state management using Bloc/Cubit, reducing code redundancy by 30% and improving development velocity

### Flutter Developer | LeapTech Kw (Full Time On Site)

SEP2025 - Present

- Developed Leap+ app with clean architecture and Bloc/Cubit state management and supabase for backend.
- Deployed and published the Leap+ app to Google Play and Apple App Store, initially releasing it via TestFlight for testing and QA.

## 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

- **Marah world**  [Private Repo](#)

Architected a high-scale kids' platform serving 2M+ families in the Middle East, featuring interactive video content and seamless cross-platform performance.

- **Leap+**  [Private Repo](#)

LeapTech Plus is the all-in-one internal platform designed to empower employees and foster a connected company culture. We've combined essential work tools with social engagement to help you manage your professional life with ease and transparency.

- **Resupply Ai(freelancing)**  [App store](#)

Develop AI based information platforms to support, motivate, and facilitate all businesses seeking to secure contracts with the US Government

- **ScanTrack(freelancing)**  [App store](#)

A QR-based student attendance tracking app for supervisors. Each student has a unique QR code for quick, accurate scans.

- **Elkmash Chatting**

- Developed an integrated HR portal with real-time chatting features to streamline employee communication and workplace management.
- Optimized organizational workflows by centralizing HR task tracking and instant messaging into a secure mobile experience.

- **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

## 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)

## 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.