

Senior Mobile Software Engineer specializing in building stable, scalable, and business-driven mobile applications using **Flutter**. With over **7 years** of experience, I focus on engineering excellence, Clean Architecture, and delivering high-quality solutions. Proven ability in **architecting SaaS-ready applications**, implementing **CI/CD pipelines** that **reduced deployment time by 40%** , and leading technical development initiatives. I thrive on solving complex technical challenges and aim to add **measurable value** to any organization through clean code and maintainable systems.

Technical Skills

Mobile Development: Flutter, Dart, Cross-Platform Development (Android & iOS)

Architecture & Design: Clean Architecture, SaaS Architecture, Design Patterns (e.g., MVVM, BLoC, Provider), Scalability, Maintainable Systems.

DevOps & Tools: CI/CD Pipelines (Fastlane/GitHub Actions), Git, Flutter Flavors & Build Variants, Custom CLI Tooling.

Quality & Testing: Unit Testing, UI Testing, Test-Driven Development (TDD), Code Review.

Core Integrations: Google Maps, Payment Gateways (e.g., Stripe/PayTabs), Real-time Chat, Voice Recording.

Other: Performance Optimization, Python.

Licenses & certifications

- Android Mobile Application Development (Meta)
 - Issued: December 2024
 - Credential ID: EIA6G4RKA7QY | [View Credential](#)
- Version Control (Meta)
 - Issued: December 2024
 - Credential ID: 7ZEZ1091QATS | [View Credential](#)
- iOS Mobile Application Development (Coursera)
 - Issued: August 2023
 - Credential ID: daf481143db15e2896ca09cc977d7fd1 | [View Credential](#)
- HTML, CSS and JavaScript (Coursera)
 - Issued: July 2017
 - Credential ID: ASWQVYR6RMLS | [View Credential](#)

EXPERIENCE

Watania KSA - El mohtawa, Egypt — *Cross Platform Mobile app developer* Sep 2023 - current Full Time

- Spearheaded architectural governance and code reusability by developing and publishing two Flutter packages on Pub.dev.
 - **(clean_architecture_with_state_management)**: Generates a feature-based structure with Clean Architecture, reducing new feature setup time by 30% .
 - **(Flavors_Chef)**: Manages project environments (Flavors, Assets, Launcher Icons, Splash screens), cutting configuration time for new environments by 70%.
- Managed the entire application lifecycle, ensuring successful feature delivery and post-launch support for an application serving 10K+ active users .
- Led the implementation of Unit and UI tests, which reduced regression issues and critical bugs in the live environment by 35%.

Shaety - شفتي , Egypt — *Cross Platform Mobile app developer* August 2022 - Aug 2023 part time

- Developed a full-featured real estate management and booking application, handling over 500 successful property transactions .
- Implemented robust permission-based access control, which reduced internal support queries regarding user access issues by 40% .

Wichey, Egypt — *Cross Platform Mobile app developer* August 2022 - Aug 2023 part time

- Developed core features for the Wichey ordering app, specializing in seamless ingredient selection and

- customization, which improved the **average order value by 12%** through enhanced upsell flows.
- Optimized the checkout process and implemented a visually appealing UI, contributing to an increase in the overall **conversion rate by 15%**.

Wide Horizons , Alexandria – *Cross Platform Mobile app developer*

Oct 2021 - Aug 2023 Part time.

- Performed bug fixing and maintenance on a school management system, ensuring high availability and stability for **60+ school** accounts and an estimated **500,000+ users**.
- Architected and led the conversion of the entire codebase into a **SaaS** model, reducing client onboarding time from several days to **under 4 hours** .
- Built a dedicated Custom CLI tool that fully automated the process of adding new accounts, resulting in **8 hours** of saved operational time monthly .
- Established **CI/CD pipelines**, which cut the build and release time for Android and iOS by **40%**.
- Worked on V2 of the SMS & LMS system with strong **TDD coverage**, lowering anticipated future maintenance costs by **20%** and improving code quality scores.

Con-Point , KSA – *Cross Platform Mobile app developer*

March 2022 - June 2022 Full time.

- Involved in developing two major **point-of-sale** systems, supporting vendor dashboards and client booking apps, processing over **1,000 bookings daily** .
- Managed the entire application store accounts and deployment, maintaining a **99.9%** uptime for critical releases.
- Initiated the setup of **CI/CD** and crash analysis tools for all project repositories, improving error detection time by **60%**.

TechTime , Alexandria – *Cross Platform Mobile app developer*

Feb 2021 - August 2021 Full time

Aug 2021 - March 2022 Parttime

- Developed the TechTime app (a single booking application), focusing on feature enhancements and performance improvements that increased the **average user session duration by 10%**.

Q-Vision , Alexandria – *Part Time CrossPlatform Mobile app developer*

Sept 2020- Nov 2020 part time.

- **Led a software development team** to develop a governmental hiring mobile application.
- Provided technical consultation and architectural guidance, **accelerating the completion of key features by 15%** relative to the initial schedule.

Vid Egypt (Inspia) , Alexandria – *Cross Platform Mobile app developer*

March 2019 - March 2020 part time.

- Achieved rapid proficiency in Dart and Flutter **in under one week**, immediately beginning contribution to live projects.
- Developed UpKeep KSA, a mobile application that streamlined technician workflows, **reducing paperwork and manual reporting time by 25%** .

Sourcya , Egypt branch – *Front End & CrossPlatform Mobile app developer*

Sept 2017 - Dec 2018 full time

- Developed the "Outa" Ionic mobile application, which was adopted internally and **reduced time wastage on organizing tasks by an estimated 15%** .
- Participated in the "Nabtrack" fleet management system, contributing to a project that tracked **over 100 logistics vehicles**.

EDUCATION

Faculty Of Science, Alexandria – *Bachelor's Degree in statistics & computerScience*
2014 - 2017.

Machine Learning Model forecasting Breast Cancer Diagnosis (Python with accuracy 89.9%)
Grade:Excellent.