

Oleksandr T.

Senior .NET MAUI Mobile Engineer

SUMMARY

- 12+ years in cross-platform mobile development (Xamarin and .NET MAUI).
- Delivered over 10 production-grade apps to the App Store and Google Play with 1MM+ users
- Domain experience: FinTech (trading platforms like Binance, real-time quotes, charts), IoT solutions, including drone platforms.
- Led app recovery, improving Google Play rating from 1.9 to 4.6 and App Store rating from 2.2 to 4.5 within one year.
- Firebase Services (Push, Crashlytics, Firebase Distribution), Sentry.
- Experienced in CI/CD, release management, and DevOps practices with hands-on experience in Azure Pipelines and AppCenter.

TECHNICAL SKILLS

Main Technical Skills	.NET MAUI (3 yr.), Xamarin (12 yr.), Firebase, C#
Programming Languages	C#
.NET Platform	C# Hot Reload, .NET (12 yr.), Polly, Refit, XAML
Mobile Frameworks and Libraries	CommunityToolkit.Mvvm, Crashlytics, Lottie, Mopups, Navigation, .NET for Android, .NET MAUI (3 yr.), .NET MAUI CLI, .NET MAUI Community Toolkit, Prism, Push notifications, SkiaSharp, SQLite-net, Syncfusion .NET MAUI Controls, Telerik UI for .NET MAUI, Xamarin (12 yr.)
Data Analysis and Visualization Technologies	MapBox
Databases & Management Systems / ORM	Firebase, MySQL
Cloud Platforms, Services & Computing	Azure, Firebase
Azure Cloud Services	Azure log analytics, Azure Pipelines
Google Cloud Platform	Firebase Analytics, Firebase services
Industry Domain Experience	Fintech, Healthcare
Methodologies, Paradigms and Patterns	Agile, FDD, MVVM, REST
Platforms	Android

Third Party Tools / IDEs / SDK / Services	AppCenter, Mollie
Mail / Network Protocols / Data transfer	Bluetooth
Deployment, CI/CD & Administration	CI/CD, DevOps practices
Version Control	Git, Github Actions
Operating Systems	iOS
QA, Test Automation, Security	NUnit, Unit Testing
Project Management & Administration	Release Management, Technical Documentation
SDK / API and Integrations	RESTful API, Stripe
Logging and Monitoring	Sentry, Sentry SDK
UI/UX/Wireframing	UI/UX

WORK EXPERIENCE

Senior .NET MAUI Engineer, Unifly.Aero

August 2022 - present day

Unifly provides Unmanned Traffic Management (UTM) software. It connects drone pilots with aviation authorities to safely integrate drones and flying taxis into the shared airspace. The platform lets pilots plan flights and request approvals, while authorities track drones and manage traffic.

Key Functionality:

- **Airspace Digitization:** Turns traditional airspace rules into digital maps and guidelines.
- **Flight Authorization:** Allows drone operators to request flight permits and get fast approvals.
- **Live Tracking:** Gives authorities real-time visibility of active drone flights.
- **Collision Avoidance:** Helps prevent crashes between drones, obstacles, and traditional manned aircraft.

Responsibilities: Responsible for the entire life cycle, from planning and development to publishing and ongoing support for over 1MM users in various white-label products.

- **Strategic Decision Making:** Successfully advocated for the optimization of the existing cross-platform codebase over building separate native apps, saving significant development costs and time-to-market.
- **Product Impact:** Led a major recovery that increased app ratings from 1.9 to 4.6 (Google Play) and 2.2 to 4.5 (App Store) within one year.
- **Performance Engineering:** Eliminated critical crashes and reduced app startup time from 22s to 4s, refactored core UI components and improving the overall user experience.



- **Infrastructure & DevOps:** Migrated build processes to Azure Pipelines, accelerating delivery speed to QA teams from 60+ minutes to 20 minutes.
- **Release Management:** Fully responsible for the end-to-end production release cycle and distribution to the App Store and Google Play.
- **Technologies:** Xamarin.Forms, Maui, MapBox, Azure Pipeline, Git action, Sentry Analytics, Firebase (Push Notification, Delivery, Analytics), NUnit

Senior Xamarin.Forms Engineer, Vakoms (Real-time trading application for MENA region)

(June 2021 - August 2022)

Functional responsibilities:

- Developed a real-time trading application for the MENA region, focusing on high-precision mathematical calculations and low-latency UI updates.
- Effectively collaborated within a diverse, international team and engaged directly with stakeholders in Dubai to align technical delivery with regional market needs.
- Managed a high level of responsibility regarding data accuracy and performance, critical for financial trading operations.

Technical features:

- Socket connection for receiving trading data and making deals
- Integration of native library(Swift/Kotlin) for displaying graphs

Technologies: Prism, Refit, Polly, Ffimageloading, FirebasePushNotification, Lottie Animations, AppCenter, Sentry, Segment, Skiasharp, CI/CD, MetaTrader, ChartIQ.

Senior Xamarin.Forms, .Net developer, Daxx

(September 2020 - August 2021)

Functional responsibilities:

- Update the application to the newest versions of mobile platforms
- Improve existing application performance and stability
- Increase the speed of uploading files to the server
- Add functionality for applying a filter to photos
- Integration of a new payment system into the project
- Implementing server-side functionality

Technology: Xamarin.Forms, Stripe, .NET Framework, Mollie integration

Senior Xamarin.Forms developer, Ego Creative Innovations

(December 2019 - September 2020)

A mobile application that allows entering the results of vehicle inspection, data, and photos directly into the phone and then send to the server

- MVVMCross
- Live SVG editing
- Dynamic navigation flow, dynamic UI building by server data.
- iOS/Android background workflow



Cross-platform Xamarin.Forms developer, SoftServe

(January 2019 - December 2019)

Functional responsibilities: Redesign existing mobile application, add new features for iOS/Android devices using Xamarin Forms

Cross-platform Xamarin.Forms developer, HeadWorks software

(July 2015 – December 2018)

- One of the first employees and contributed to the company's growth to 40+ people; helped establish internal knowledge-sharing practices and engineering standards.
- Implemented Agile workflows, CI/CD pipelines, and comprehensive technical documentation from scratch.
- Delivered mobile solutions across various domains, including IoT (Bluetooth devices), FinTech (POS terminals), Healthcare (Meditation apps), and Gaming (Board game adaptations).

Technologies: Xamarin.Forms, Prism, REST API, App Center and FireBase Analytics, Notifications, Media files, Work with Bluetooth devices, Maps integrations, In-app purchases.

Full-Stack Engineer, KTT-Soft

2015 - July 2015

Responsibilities: WordPress and OpenCart plugin development

Technologies: HTML, CSS, JavaScript, jQuery, AJAX, JSON, MySQL

EDUCATION

- **Master's degree, State Academy of Civil Engineering and Architecture**
2009 - 2014

COUCES AND CERTIFICATION

- **Ciklum Interactive, Xamarin Developer Courses**
2015

PROJECTS IN STORE:

- Nav Drone
<https://apps.apple.com/ca/app/nav-drone/id1541014888> <https://play.google.com/store/apps/details?id=ca.navcanada.navdrone>
- Amana
<https://apps.apple.com/ae/app/trading-investing-app-amana/id1640057642>
<https://play.google.com/store/apps/details?id=app.amana>
- Timelapp <https://timelapp.nl/>
- Crocodile <https://itunes.apple.com/ru/app/id524355542>
- Ёпш <https://itunes.apple.com/ru/app/id857105009>

