

DAVID SILVERLIGHT

Cross-Platform .NET Application Developer | Deep Experience in .NET MAUI

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Portfolio: DavidSilverlight.com — 30+ shipped .NET MAUI & Xamarin.Forms apps showcased

SUMMARY

Senior .NET MAUI engineer with 12+ years of cross-platform mobile experience and 30+ shipped apps for clients including Microsoft, UPS, T-Mobile, and Midmark. Early adopter of .NET MAUI with deep expertise building and modernizing large-scale enterprise applications — spanning architecture, performance, UI, and complex backend integration — with a long track record of bringing that experience to distributed teams and mentoring developers along the way.

AI-AUGMENTED ENGINEERING

Integration of AI tooling into my development workflow, primarily focusing on Claude Code as my tool of choice — a continuously refined workflow that increases both velocity and code quality. A decade of hands-on .NET MAUI and C# experience is what makes this effective: it allows me to evaluate AI-generated code critically — accepting sound solutions while identifying suggestions that work but introduce security vulnerabilities, subtle logic errors, or maintainability risks that would otherwise go unnoticed.

PROFESSIONAL HIGHLIGHTS

Enterprise .NET MAUI Expertise. Delivers and modernizes mission-critical cross-platform applications for clients including Microsoft, UPS, T-Mobile, and Midmark, applying deep .NET MAUI expertise across architecture, UI, and performance — consistently earning highly positive client feedback in the delivery of 30+ mobile apps.

Proven Delivery in Remote Environments. Successfully delivered projects for global clients including T-Mobile and UPS as part of distributed teams, driven by strong collaboration with team members and product owners using Teams, Slack, Azure DevOps, and Git.

Leadership and Mentoring. Combines high-quality delivery with mentoring — coaching junior developers on Architectural Presentation Patterns, SOLID principles, and best practices so new team members ramp up quickly and project outcomes improve. Years of serving the developer community — leading a .NET MAUI user group and building dev-community projects — have sharpened the ability to teach, motivate, and grow other engineers.

TECHNICAL SKILLS

Frameworks & Platforms: .NET MAUI | .NET 9/10 | .NET for iOS | .NET for Android | Mac Catalyst | WinUI 3 / Windows App SDK | Xamarin.Forms | Xamarin.iOS | Xamarin.Android | Targets: iOS, Android, Windows, macOS

Languages: C# | XAML | SQL | JavaScript | TypeScript | HTML/CSS | Silverlight

AI-Augmented Dev Tools: Claude Code | GitHub Copilot | MCP servers (GitHub, Filesystem, Sentry, Figma, Azure DevOps, Microsoft Docs)

Architecture & Patterns: MVVM | MVVMCross | Prism | CommunityToolkit.MVVM | Dependency Injection | IoC Containers | Service Locator Pattern | Singleton | Observer/Messenger (WeakReferenceMessenger) | .NET MAUI Handlers | Shell-based Navigation | Dependency Services | RESTful Services | DTO Mapping

Tooling: Visual Studio | JetBrains Rider | VSCode | .NET CLI | Azure DevOps | GitHub/Azure Repos | Git | NuGet | Figma | Postman | Swagger | App Store Connect | TestFlight | Google Play Store | Xcode | Android Emulator | iOS Simulator | Genymotion | App Insights | Sentry | UXCam | Jira

NuGet / Libraries: CommunityToolkit.Maui | SQLite | Lottie | Newtonsoft.Json | Rg.Plugins.Popup/Mopups | SkiaSharp | Onion.Maui.GoogleMaps | MrGestures | Esri ArcGIS Maps SDK for .NET | Maui.GoogleMaps | Microsoft.Maui.Controls.Maps | MAUI Essentials | MSAL/Microsoft SSO

EXPERIENCE

RamTech — Remote

2025 – Present

Senior .NET MAUI Engineer

Delivered UX improvements, performance optimizations, and .NET MAUI-specific “heavy-lifting” work on gMobile, an Esri/ArcGIS-based field app supporting data collection and asset inspection — damage assessment, tracking and traceability, leak survey, and gas-insight inspections. Then re-architected the app’s workflows to design and build the **vNext** release, replacing multi-screen navigation with a single centralized mapping surface and unified toolbox.

- **Impact:** ~30% fewer clicks per feature surfaced on the map, and eliminated data-loading initializations that averaged ~20 seconds each — turning a previously sluggish workflow into a crisp, responsive experience for the high-frequency task of adding assets to the map
 - **Technologies:** .NET MAUI, Prism, Esri ArcGIS Maps SDK, Telerik UI for .NET MAUI, MAUI Calendar, Newtonsoft.Json, SQLite
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Caffeinated Shark Labs — Miami, FL

2014 – Present

Principal Mobile Engineer & Founder

Independent consultancy delivering .NET MAUI and Xamarin.Forms development engagements for clients ranging from startups to enterprises. 30+ shipped apps showcased at DavidSilverlight.com. Selected client engagements (reverse chronological):

.NET MAUI engagements (2022 – Present)

- **ATrack Mobile** (2026) — All-in-one ABA-therapy data-collection and clinical-practice platform; cleared a large defect backlog, shipped new features, and built a configurable Sentry/UXCam crash-and-analytics layer (*see Featured Projects*)
- **DSD Route Manager** (2025) — Mobile route-accounting solution for the direct-store-delivery (DSD) industry
- **UPS Mobile Delivery** (2023 – 2024) — Feasibility spike for the DIAD 6 driver device; validated Trimble Maps and barcode scanning under .NET MAUI, rebuilt the in-house component library, and removed Prism (*see Featured Projects*)
- **Moultrie Mobile** (2022 – 2023) — Trail-camera app for remote camera images, property monitoring, and location navigation, migrated from Xamarin.Forms to .NET MAUI
- **Midmark DECO IoT** (2022) — Setup toolset for the company’s medical smart devices, handling device registration, connection, installation, and setup through a custom REST API
- **MovieBuff** — Movie & show-ticketing MVP with ticket purchasing, text/MRU search, OTP authentication, and a threaded discussion system with emoji reactions (*see Featured Projects*)
- **Safe4Dogs** — App that determines whether foods are safe for dogs, doubling as a teaching codebase for mentoring developers in core .NET MAUI concepts (*see Featured Projects*)
- **SearchMed** — App for customers to search for medical professionals; improved performance by ~30% and reduced load times by ~50%

- **Numbers** — Delivered the initial release under a critical deadline tied to a scheduled social event
- **POS Prototype** — Point-of-sale prototype with user/admin login, category and product display, swipe navigation, purchasing, discounts, and configurable payment/receipt/order settings

Xamarin.Forms engagements

- **MVP Healthcare (MyMVP)** (2021 – 2022) — Member healthcare app providing access to plan and benefits information
- **Real Green Systems** (2021) — Field-service app with GPS tracking for scheduling and on-site work management
- **BCBS My BluePrint** (2019 – 2020) — Blue Cross Blue Shield member app for accessing plan, benefits, and coverage information
- **Marcel** (2019) — Xamarin developer on the initial release of Microsoft's AI platform connecting 20,000+ employees to find collaborators, schedule meetings, and track deliverables (*see Featured Projects*)
- **Pet Pixie** (2017) — Social-sharing app for pet parents to share photos, receive reminders, and store vet info; released on iOS and Android
- **Salon Scheduler** (2016 – 2017) — Clover POS app for salon professionals with appointment scheduling, SMS reminders, notes, and order history syncing across stations
- **Nalco Lock App** — Field tool for installation specialists to fit tank locks, generate unique combos, and document details via a backend service; built on a condensed timeline to support installation of 28,000 tanks on schedule
- **UAS Trakker** — Enables custom Unmanned Aerial Systems to locate, track, and follow radio-frequency personal locator beacons
- **StagePro** — Stage-management system (app + web) sharing electronic scripts and stage diagrams across a production team's phones, tablets, and laptops, with in-app-purchase support
- **MyLines** — Companion app for performers to organize and rehearse their scripts and lines
- **Kinship Navigator** — Resource-navigation app connecting kinship caregivers with support services and information

Yocum Technology Group — Remote

9/2017 – 10/2019

Xamarin.Forms Developer

Contributed to T-Mobile Money, a customer-facing Banking-as-a-Service platform with over 300 screens providing a comprehensive suite of online financial services on a robust Xamarin architecture.

- Developed key features including account transfers, perks, CUI notifications, and ATM/cash deposit locators
- Integrated card activation, fund management, and account customization functionality
- Used Xamarin.Forms, MVVMCross, Google Maps SDK, REST APIs, and Xamarin.Essentials to optimize architecture and performance
- Ensured best practices in UI/UX and development patterns across the project

Jadin Tech — Remote

03/2013 – 12/2014

Xamarin Developer

- Developed B4UFly and JBSA Work Order Tracker, Xamarin.Forms apps for drone situational awareness and military-base work-order tracking
- Led a major iOS update to B4UFly, optimizing airport-location features and reducing development time by 30% to meet tight deadlines
- Built the JBSA Work Order Tracker for efficiency and scalability toward future white-label applications

FEATURED PROJECTS

All featured projects — along with screenshots and additional visuals — can be viewed at [DavidSilverlight.com](https://davidsilverlight.com).

Marcel — Xamarin.Forms (*enterprise AI platform, 2019*)

Badged Microsoft contractor, based on the Microsoft campus, serving as a Xamarin developer on the team that built the initial release of Marcel — an AI-powered platform connecting 20,000+ employees and reinventing the way they work by helping people find collaborators, discover inspiring work, schedule meetings, improve work quality, and follow up on committed deliverables.

- **Key features:** collaborator discovery, work/inspiration feed, meeting scheduling, quality and deliverable tracking
 - **Technologies:** Xamarin.Forms, Microsoft AI, Prism, RESTful services; built on Microsoft AI and delivered in partnership with Publicis.Sapient
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UPS Mobile Delivery — .NET MAUI (*enterprise, 2023 – 2024*)

Conducted the .NET MAUI feasibility spike for the UPS Mobile Delivery application — used by UPS drivers on the DIAD 6 handheld device to scan delivered packages. Validated that the migration was viable end to end before committing the broader effort.

- Migrated and verified critical third-party dependencies — **Trimble Maps** and barcode scanning — running correctly under .NET MAUI
 - Rebuilt UPS's in-house Xamarin.Forms component library in .NET MAUI, confirming identical UX and functionality to the original
 - Re-architected to **remove Prism** from the stack in response to Prism licensing changes, replacing it with a lighter MVVM approach
 - Established spike success by demonstrating driver login and the itinerary dashboard running in the MAUI build, with Prism removed and all migrated components functioning
 - **Stack:** .NET MAUI, Trimble Maps, MAUI Essentials, MVVM Helper, CommunityToolkit.Mvvm, SQLite, Xamarin.Forms
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ATrack Mobile — .NET MAUI (*ABA therapy clinical platform, 2026*)

Provided development support on ATrack Mobile, a .NET MAUI application (built on Prism) delivering an all-in-one data-collection and clinical-practice platform for Applied Behavior Analysis (ABA) therapy and autism service providers. Cleared a substantial defect backlog, delivered requested features, and resolved issues stemming from an improper Xamarin.Forms-to-.NET MAUI migration. Designed an open-ended, configurable crash-reporting and analytics layer (Sentry, UXCam) that can be extended with new tools or selectively disabled as needs evolve.

- **Impact:** resolved all known .NET MAUI defects — the product owner credited the work with finally giving him confidence in the app's stability
 - **Technologies:** .NET MAUI, Prism.Maui, CommunityToolkit.Maui, DevExpress, Sentry.Maui, Sharpnado, Newtonsoft.Json, SQLite, UXCamDotNet
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T-Mobile Money — Xamarin.Forms (*Banking-as-a-Service fintech, 2017 – 2019*)

Customer-facing Banking-as-a-Service platform with 300+ screens, delivering a comprehensive suite of online financial services on a robust Xamarin architecture for a major national carrier.

- Developed key features including account transfers, perks, CUI notifications, and ATM/cash-deposit locators
 - Integrated card activation, fund management, and account customization functionality
 - **Stack:** Xamarin.Forms, MVVMCross, Google Maps SDK, REST APIs, Xamarin.Essentials
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Safe4Dogs — .NET MAUI (*open-source reference & developer-mentoring app*)

A cross-platform app that determines whether foods are safe for dogs to eat, built to double as a teaching codebase for mentoring developers in core .NET MAUI development. Demonstrates MVVM, XAML, data binding, effects, behaviors, dependency injection, SQLite, handlers, Shell navigation, value converters, and localization.

- **Key features:** food-safety search, detailed safety results with related information, and curated food-safety resources
- **Technologies:** .NET MAUI, MVVM, SQLite, RESTful services, CommunityToolkit.Maui, CommunityToolkit.Mvvm

- **Impact:** helped numerous developers get up to speed on the core concepts underlying .NET MAUI application development

DEVELOPER COMMUNITY

Speaking & Leadership

- Led the South Florida .NET MAUI / Mobile Developers Group (formerly the Xamarin group) for 5 years, hosting monthly meetings at the Microsoft office in Ft. Lauderdale
- Presented on Xamarin.Forms and .NET MAUI at CodeCamp 2024 and South Florida DevCon 2022

Community Projects & Mentoring

- **Eventarin** — a tool for CodeCamp attendees to find speakers and schedule events, built to teach cross-platform development to the user group
- **NonProfitWays** — connects software developers with nonprofits to build free websites, giving developers real-world experience and a portfolio
- **Community Credit** — a rewards site where developers earn points for community contributions such as forum participation and conference speaking

EDUCATION

Florida International University — Miami, FL | B.S., Computer Science

Broward Community College — Miami, FL | Associate of Arts