Andre Villanueva

Freelance iOS & Web Developer — Bang Bang Studios

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SUMMARY

Independent developer delivering iOS apps, websites and automation for clients — including a 2025 contract for Sony. Takes projects from spec to shipped: written PRDs, SwiftUI + Firebase builds, WordPress/SEO sites and fastlane-automated App Store releases, with fast turnaround from an AI-assisted, test-gated workflow.

SKILLS

Apple platforms: SwiftUI, UIKit, Swift Concurrency, watchOS, visionOS, RealityKit/ARKit, WidgetKit, Live Activities, StoreKit 2, CloudKit, MapKit, Swift Charts
Web: HTML/CSS, JavaScript, WordPress, SEO
Data & backend: Firebase (Firestore, RTDB, Auth, Cloud Functions), SwiftData, Core Data, Node.js, REST/JSON, GitHub Actions
Languages: Swift, Python, JavaScript, Objective-C, C++, bash
Tooling & release: Xcode, Git, fastlane, TestFlight, App Store Connect, SPM

EXPERIENCE

Contract Developer — Sony (via professional screenwriter), Remote — Oct – Dec 2025

- Built a Git-versioned screenplay development system for a feature-film adaptation — project bible, source-material database, Fountain act/scene templates and 10+ continuity/QC checklists — used daily by the screenwriter and collaborators.
- Designed a JSON/Markdown "context engine" (rolling context, scene dependencies, setup/payoff and character-state trackers) that kept AI writing assistants consistent across a 110+ page script.

Freelance Web & iOS Developer — Independent small-business clients, Los Angeles — 2015 – Present

- Build and maintain a network of multi-brand WordPress marketing and booking sites (300+ pages) with a reusable template system, a config-driven site scaffolder (bash/Python) and a Yoast-based SEO workflow.
- Completed 150+ scoped site tasks (migrations, redesigns, image and SEO passes) using PRD-driven AI coding agents with automated page previews and version archiving.

Founder & Lead iOS Developer — Bang Bang Studios (independent app studio), Los Angeles — 2010 – Present

- Shipped 2 apps to the App Store (Belize Lottery, rated 4.0, live since 2019; Would You Rather: TruthFinder) and lead 5 apps in active development spanning iPhone, iPad, Apple Watch, Vision Pro, widgets and Live Activities.
- Maintain ~600K lines of Swift and ~6,000 automated tests (XCTest + Swift Testing) across five SwiftUI codebases, ranging from 21K to 298K lines each.

PROJECTS

Stamp — *SwiftUI · Firebase (Firestore, Auth, FCM, Crashlytics) · Node Cloud Functions · watchOS · ActivityKit · OpenAI* — Production / TestFlight

- Built a ~298K-line SwiftUI + Firebase workforce platform (iPhone, Apple Watch, Live Activities, 51 widgets/complications) in daily production use by a 16-person service business.

Belize Lottery — *SwiftUI · SwiftData · Firebase RTDB · WidgetKit · ActivityKit · StoreKit 2 · Python scraper on GitHub Actions · fastlane* — App Store · v4.0 rebuild in submission

- Shipped and maintained Belize Lottery on the App Store (rated 4.0; 489 commits 2017–2021): Firebase Realtime Database, OneSignal push with deep links, localized into 6 languages with UI tests.
- Rebuilt the app from scratch in SwiftUI (v4.0) for iPhone, iPad, Apple Watch, widgets and Live Activities on Firebase RTDB + SwiftData, with StoreKit 2 "Remove Ads" and consent-compliant AdMob.

Auto Repair Shop Website — *HTML · CSS · vanilla JavaScript* — Spec project

- Designed and built a 9-page responsive site for an auto-repair shop with an interactive JavaScript symptom-diagnosis decision tree and quote-request flow.

Would You Rather: TruthFinder — *UIKit · JSON content packs · fastlane · AdMob* — App Store (2018–2020)

- Designed and shipped a UIKit party game to the App Store (2018; 6 updates through v1.6) with category-based JSON content packs, play history and fastlane-automated signing, screenshots and metadata.

EARLIER WORK

Self-taught since 2010 (C++ → Objective-C → Swift → Python). QA beta tester, Activision (2004).

EDUCATION

Self-taught software developer (2010–present: textbooks, WWDC sessions, online university lectures) · Coursework at Los Angeles Trade-Technical College (2009) and El Camino College (2008)