

# Jon Clayton

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## Mobile Application Developer

*Well-versed developer with 12-years' experience developing web and mobile applications.*

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A pioneering developer offering more than 12 years' experience designing, implementing, integrating, testing and supporting impactful applications developed in diverse, collaborative environments for mobile and tablet devices on multiple platforms. Proficient in object-oriented design, full life cycle application development, problem solving, complexity analysis, and debugging. Regarded as a self-motivated, self-starter known for taking initiative. Ten apps in the stores show a broad range of capabilities. Currently holds an active secret clearance.

### Core Competencies:

- Mobile Development
- Software Development Life Cycle
- .Net Server and Application Development
- Web Based Service Oriented Architecture
- iOS and Android Development
- Application Security
- Troubleshooting and Diagnostics
- Strong Base of Experience

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## Professional Experience

### IT Consultant, 8/2005 – Present

Partner with a diverse range of clients to conceptualize, design, develop, and deploy cutting edge mobile applications through all phases of life cycle, including requirements gathering, risk analysis, project planning, scheduling, testing, defect tracking, management, and reporting. Collaborate with stakeholders to manage expectations.

#### Key Projects:

- **Appliance control and service Apps:** Viking LLC, Senior Developer; iOS and Android apps for "IOT" control of major appliances. One app for the consumer and one for service personnel. BLE and cloud services used for controlling and troubleshooting of Refrigerator. Swift 4, Android Studio 3 used for development, BLE and network communications, SQLite database, Push Notifications via Firebase.
- **Armored Vehicle Maintenance App:** Senior Developer; developed an application to enable deployed U.S. State Department technicians the ability to track, maintain, and view vehicle work orders, world-wide. Technologies: MVC, Network services, Objective-C, Swift, Cocoa Touch, XCode, SQLite database, Animation, RESTful services, iOS 10. Cross platform development using Appcelerator Titanium Alloy MVC.
- **Secure Diplomatic Courier App:** Senior Developer; team member on an application to enable U.S. State Department Diplomatic Secure Couriers the ability to record, authenticate, and log shipments (diplomatic pouches) world-wide. Technologies: MVC, Network services, XCode, SQLite database, Location services, RESTful services, iOS 10. Cross platform development using Appcelerator Titanium Alloy MVC.
- **Asset Management Mobile App:** Senior Developer; this app enables U.S. State Department employees to track government assets and assist with inventory tracking for consulates and embassies. Technologies: MVC, Network services, Objective-C, Swift, Cocoa Touch, XCode, SQLite database, Animation, RESTful services.
- **Patient Appointment Scheduler App:** Lead Developer; designed an application for use in 400+ clinics in numerous states to assist clinicians and front office personnel with all scheduling requirements. This application and database backend are designed to standardize and ease recordkeeping workload for clinic personnel. Mentoring of junior developers was a substantial part of the assignment. Technologies: Sql Server

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2010, ASP.Net, AJAX, HTML, jQuery, JavaScript, .Net 4.0, VS2010-15, Telerik Reporting controls, Janus controls, Winforms.

- **Pharmaceutical Event and Information Request Mobile App:** Lead/Senior Developer, implemented an iOS application that performs sales, product inquiry, adverse effect reporting, convention contact scanning, and web service contact information lookup. Technologies: Responsible for WebApi 2.0 MVC, ASP.Net WebForms. JSON and XML RESTful services. Objective C, XCode, Core Data, MDM config, Web Services .Net.
- **Patient Information Tablet/Mobile App:** Lead/Senior Developer, served as project lead on the design and architecture of a Windows 7 tablet/mobile applications designed to provide paperless recording, storage, and access to patient medical records. Key involvement from design to field implementation, full SDLC. Technologies: Sql Server 2008, .Net 4.0, Threading, VS2010.
- **Numerous “Indie” and commercial Apps:** 10 Apps in the Apple and Google App stores. Involve GIS mapping and location services, SMS utilities. Technologies: MVC, Network services, Mac OS X development, Java, Objective-C, Swift, Cocoa Touch, XCode, SQLite/Core Data database(s), Animation, Encryption, GIS Location services, RESTful services, Android 2.3 – Android 8.0, iOS 6-11. Bluetooth, BLE, Cross platform development using Titanium Alloy MVC, Firebase Push Notifications.

## Technical Proficiencies

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**Platforms:** iOS, Android, Windows

**Tools:** Objective-C, Swift, Java, JavaScript, .Net, C#, VB.Net, HTML, XML, ASP.Net., MVC, Visual C++

## Professional Development

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- Cisco, IPsec, PKI Security, C++ Programming, Object-Oriented Design, Java/Java Bean, Swing, AWT, COBRA Development, Android User Interface, PARL Programming, Digital Electronics/Circuits Management, United States Marine Corps, Non-Commissioned Officer Leadership development