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SUMMARY

I am a Software Engineer with experience architecting, designing and documenting object-oriented applications with the following technologies; iOS/iPadOS, Android, Node.js, .NET framework, Java, C#, VB.NET, ASP.NET MVC, SwiftUI, UIKit, Transact SQL, PostgresSQL, MySQL, SQLite, SQL Server Integration Services, SOAP and Rest based web services, JavaScript, React, JSON, and XML. I have experience using these technologies to build applications using MVC and MVVM methodologies. I also have experience building mobile applications for iOS and Android platforms, with a specialty in continuous integration and continuous delivery with Fastlane and Bitrise.

I am seeking a new opportunity either developing applications, sales engineering or as a developer advocate. I am also comfortable with public speaking, and I run a programming user group called JaxNode.

EXPERIENCE

Application Architect, Pragmatic Works — May 2024 - September 2025

Application Architect for On Demand Learning application that incorporates video training with test taking and AI based mentoring. The application is built on top of a .NET back end and a React based Front-End

- Added live streaming to the platform through Mux video provider
- Added Full-text search and AI Azure Vector based search to the platform
- Added a feature that incorporated LLM based summarization of video transcripts
- Built a Next.js prototype for the replacement of our existing front-end

Contractor, Trade Hounds — January 2024 - May 2024

Contract software development for upgrading a React Native application that supports users that work in the Trades.

* Duties included upgrading React Native from version 0.68.5 to 0.73.5.

* Helped identify and upgrade individual JavaScript and native modules for improved performance and reliability.

* Worked with development team to improve best practices and implement development standards for adding new features.

Staff iOS Engineer, Bill.com — June 2022 - January 2024
Worked to develop a brand new Mobile app based on current iOS technologies for bill.com users.

- Duties included helping integrate native and React Native applications into a single code base.

- Part of a team that rewrote our native iOS app using SwiftUI, Combine and Apollo GraphQL using feature modules.

- Implemented configurable features using Firebase Remote Config.

- Developed the Continuous Integration/Continuous Deployment solutions used by BILL for running automated testing and delivery of our mobile apps to Apple App Store and the Google Play Store.

- Helped mentor developers who were transitioning from React Native to iOS and Swift.

- Lead the transition from Fastlane to Bitrise. Created a CLI tool for our developers to manage releases using OCLIF.

Chief Mobile Architect, Swyft Technology L.L.C. — July 2016 - June 2022
Responsible for architecting and writing all of our native iOS and Android applications.

- Oversaw the rewrite of native iOS app from Objective-C to Swift using UIKit using code based views over UIStoryboards or xib files.

- Helped oversee the app release process with the Apple App Store review and Google Play review for the respective store approval.

- Integrated the BlackBerry Dynamics framework into the native applications.

- Used the SalesforceMobileSDK to access data from the customers Salesforce Org.

- Created a Salesforce package in written in the Salesforce Apex language and published to their App Exchange.

- Built a dynamic form tool using React Native so the component could be used in both iOS and Android app.

- Assisted Sales staff with sales engineering and answering our customers technical questions.

Senior Software Engineer, One Call Care Management — March 2012 - July 2016
Was responsible for maintaining legacy ASP.NET MVC web applications.

- Was the team lead on a Greenfield Document Management application written in Angular.js.

- Also maintained a customer service application written in ASP.NET WebForms.

- Also maintained application services written in WCF.

Senior Software Engineer, DME Automotive — June 2011 - February 2012
Built software written in ASP.NET and worked with SQL Server for building applications that sales organizations used for managing customers.

- Developed new web portal platform based on ASP.NET MVC 3 using C# for all libraries.

- MVC Views were written using the new Razor syntax.

- The web portals consumed a rest-based service oriented architecture that delivered JSON based payloads.

- Created REST based services that could be consumed for both Mobile and Web applications.

- Also helped create a sales lead routing system that used MSMQ and NServiceBus to process and cleanse sales leads going to automotive dealerships.

EDUCATION
Embry-Riddle Aeronautical University — Bachelor of Science in Aeronautical Science, 1992

ACTIVITIES
Founder and Co-Organizer for the JaxNode User Group. Responsible for scheduling monthly meetings, and creating presentations based on JavaScript full stack technologies.

Additional professional activities include being a Commercial Pilot in airplane single engine, multi engine land. Includes instrument rating in both types. Also, a Certified Flight Instructor.