**James R. Vaught**

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**PROFESSIONAL SUMMARY**

Experienced Senior Xamarin Engineer with a demonstrated history of working in the prescription drug, transportation, financial, tax services and Oil and Gas industries. Skilled in C#, Xamarin Mobile Developer, ASP.NET MVC, Web API, Entity Framework and SQL. Strong engineering professional with proactive problem solving and initiative skills, and over 25 years of experience in software development in all phases from concept design and coding, using best practice and design patterns, to testing and deployment. Served across multiple platforms including web, desktop and mobile.

I have 10 apps I’ve worked on or developed in the app stores. These range from Xamarin to Native to Cordova apps.

**CERTIFICATIONS**

* Xamarin Certified Mobile Developer

**SOFTWARE DEVELOPMENT SKILLS**

* C#
* .Net Core
* Visual Basic 3/6.0/.NET
* ASP.NET 2.0 - 4.6
* MVC 4.0, 5.0 & .Net Core
* WebAPI 2.0/API
* WPF/WCF
* Xamarin/Xamarin Forms
* App Store/Google Play
* App Center
* XAML
* Cordova/PhoneGap
* RESTful Web Services/API
* xCode
* Android Studio
* Eclipse
* Entity Framework 5 & 6
* JavaScript/AJAX
* J-Query/Mobile
* JAVA
* AWS/Azure (Server, DB, CDN)
* Google Maps API
* ArcGIS - Routing
* MVVM - Prism
* SQL Server 2005-2016
* SQLite
* AngularJS
* Sharepoint 2010/2013
* Agile(Scrum)
* TFS/Source Safe/SVN/GIT
* Microsoft Office
* HTML/5 – CSS2/3
* XML/JSON
* LINQ
* Telerik Controls
* Syncfusion Controls
* Docusign API
* ADO.NET/ DAO/ ADOCE
* O-Auth
* Uber tag
* Oracle
* SQL/TSQL
* SQLCE
* Microsoft Wince
* Pocket PC
* Visio
* Compact Framework
* Embedded Visual Basic
* RoboHelp/Win Help
* Crystal Reports
* Reporting Services
* Project Server
* MSCRM
* Ge Centricity EMR
* HL7
* Install Shield
* Rally/JIRA
* Hyper-V/Virtual Box

**PROFESSIONAL EXPERIENCE**

**3/2021 – Present (contract) TekSystems/ScriptSave McKinney, TX**

***Senior Xamarin Engineer***

* Using Xamarin Forms modified and enhanced Mobile Prescription Drug Apps used which allows users to get discounted prescription drugs. App has over 200,000 users.
* Multiple Apps – Direct to Consumer, Premier and Healthcare Provider Apps.
* Mobile and Tablet layout for iOS and Android.
* Working with offshore QA and onsite QA Automation Engineer I worked on the following items:
  + Upgraded to Xamarin forms 5
  + Merged Tablet and Mobile XAML to one set of code
  + Rebranded UI to fit new UI schema
  + Removed SyncFusion controls for native Xamarin and custom controls
  + Fixed numerous backlog of bugs

**5/2020 – 3/2010 (contract) IBM/UPS McKinney, TX**

***Senior Xamarin Engineer***

* Using Xamarin Forms in an Agile Scrum Environment I update Mobile Transportation App used with trucks to route and transport packages from different warehouses. App has 25,000 users.
* Items worked on
  + Messaging Queue
  + Tractor and trailer inspection report
  + DOT hour tracking
  + Hours of Service including hour driving, break, meal and sleeping
  + Backend HOS – messaging
  + Telemetric application

**2014 – 5/2020 Freelancing McKinney, TX**

***Senior Mobile Engineer/Architect***

* Using Xamarin Forms, Syncfusion and MVVM to create an app used to bid on new cars. WebAPI backend synchronization to retrieve the data.
* Using Xamarin Forms took an existing Cordova app and rewrote it in Xamarin Forms. This app was for tracking distribution of Newspapers to houses. It included MVVM with Prism, SQLite for local offline storage, WebAPI synchronization backend, Google maps with Google Maps API and Push Notifications.
* Using Xamarin Forms built a Christian Prayer Wheel app that creates a prayer from four sources: The Beatitudes, Events in Christ’s Life, The Gifts of the Holy Spirit, The Lord’s Prayer. The prayer then used text to speech to read the prayer aloud. You were then allowed to save the generated prayer for future retrieval.
* Using Xamarin Forms brought app to market for the dry-cleaning industry. This white label app allowed for door to door pickup of laundry and dry-cleaning. This app debuted at a trade show and was skinned for a client.
* Using Cordova, Angular, JQuery, SQLite, WebAPI and C# created off-line synchronizing app for the use in tracking of newspapers to stores and machines. Also create a web project with SSRS reporting, WebAPI for data synchronization and MSSS database hosted on AWS.
* Using Cordova, Angular, JQuery, SQLite, Google Maps API, WebAPI and C# created off-line synchronizing app for the use in tracking of newspapers to houses. Also create a web project with SSRS reporting, WebAPI for data synchronization and MSSS database hosted on AWS.

**1/2018 – 5/2020 (contract) Jack Henry and Associates Allen, TX**

***Senior Software Engineer***

* Using .Net Core MVC and Entity Framework created 3 projects to for the creation of database using a proprietary database XML file.
  + This Parser Project parses the XML file and saves the database structure to database tables composed of Tables, Columns and Indexes with appropriate default values and constraints.
  + The Template Project allows for views created with custom razor syntax to be generated in a .Net Core MVC project. These views are composed of Table creation with primary key, Foreign Key creation, Stored Procedure creation, Index creation and Trigger creation.
  + The Generator Project, console application, takes the database tables turns it into a model and passes the templates from the views to Razor Engine to output the SQL files. The resulting files from are then added to a SQL Database Project (dacpac) and installed to the latest database.
* Working with Microsoft C# MVC to create and integrate new products to the existing line of Credit Union banking software.
  + Third party Loans – Designed and coded the User Interface, using Angular JS to allow custom mapping of a flat data file to import third party loan data into existing database.
  + Banking Alerts – Created 3 windows services to push data back and forth between hosted managed alerts system and local system. This included sending SMS messages and email alerts for Credit Union banking transactions.
  + FTP dll – created a dll that can be referenced in any project for sftp and ftp transactions.
  + Single Sign On – Worked at integrating the SSO system into existing applications.
  + SSRS – worked on many SSRS reports refactoring for better performance

**8/2017 – 1/2018 Quorum Business Solutions Dallas, TX**

***Senior Xamarin Engineer***

* Worked with Xamarin Forms developing v2 of Mobile Fielding app. This app collects Oil and Gas information from the well sites allowing analytics to be performed on the data to help track and maintain Oil and Gas wells.
* Closed all open tickets and all but 2 backlog tickets

**3/2017 – 8/2017 Catalyst Corporate Credit Union Plano, TX**

***Senior Analyst/Programmer***

* Worked with ASP.NET MVC 5.0 C# to create new features for a banking app. These features specifically were to buy/sell and trade bonds. The app is used in day-to-day financial activities, such as ordering money, buying bonds etc.

**7/2011 – 3/2017 Propulsion Labs Plano, TX**

***Project Lead / Senior Software Engineer***

* Worked with lead architect to scope projects then work with other developers to make sure project came in on time and under budget.
* Used Xamarin to create a Xamarin Forms App used to track aircraft maintenance and book travel. The App communicated with a back-end API.
* Using Xamarin Forms, Prism with Ninject built the shell, including views and view models, of a financial app that helps people budget their money. The rest of the app was built by the team.
* Worked with native iOS and Android on several app including fitness and dating site template.
* Lead developer of new features for a major client's web marketing system using C#/ASP.NET (Framework 4.5) with a MS-SQL 2008 R2 database back-end and HTML 5 front-end. Primary point of contact for the client's technical inquiries.
* Used AWS for major clients including EC2 for the web server, Cloud Front and S3 for the CDN and RDS for the database.
* Created a custom WebAPI interface to sync a legacy CRM system with a new CRM system. It was developed with MVC 5.0, WebAPI 2.0 coded in C# and built on top of a MS-SQL 2012 database using Entity Framework 6.0.
* Created a custom-branded SharePoint 2013 intranet. The system was developed with SharePoint 2013, ASP.NET, C#, CSOM and multiple SharePoint Visual Web Parts.
* Created an insurance services website for employees. The system was developed in MVC 4.0 coded in C# built on top of MS-SQL 2012 database using Entity Framework 5.0.
* Full-stack development of web-based applications in ASP.NET 4.0 & 4.5 (C#) and MS-SQL 2012, using Business Requirements Documentation provided by the client.
* New feature development for an enterprise banking system, and primary point-of-contact for client's technical inquiries. Technologies were ASP.NET (4.5) and C# with WCF.
* Provided Rackspace cloud administration services for the team including website-hosting management, DNS changes, IIS configuration and more.
* All projects used Git for source control with servers hosted on the cloud.
* Responsible for developing, implementing and coding e-commerce websites for various clients.
* Utilized WCF in automating financial enrollment services
* Identified technical improvement opportunities in current software programs to optimize operational performance and efficiency
* Participated in design/development of innovative business solutions with the CTO
* Developed and enhanced database objects including queries, procedures, and views
* Estimated development effort for project scope using various tools like JIRA and Rally
* Delivered quality software releases on time in an Agile environment
* Lead and coached the Software Development team in translating business needs into technical solutions
* Primarily allocated to new feature development with some maintenance and bug fixes

**4/2011 – 7/2011 (contract) TetraPak Denton, TX**

***IT Development/Support***

* Converted an existing Access application to an ASP.NET/VB.Net/SQL Server application for the tracking teams to help reduce overhead.
* Worked with SharePoint to create new sites and maintain existing sites. Included creating Document Libraries, setting up permissions and creating content types.
* Interacted with company users to help resolve problems occurring in day-to-day operations.

**11/2010 – 3/2011 (contract) TriTech Software Allen, TX**

***Product Assurance Group***

* Sourcing and verification of tax documentation and state requirements for 2011 system applications
* Extensive QA and testing to ensure performance, system integrity and accurate tax rule calculations by state

**5/2007 – 5/2010 InDxLogic Addison, TX**

***Technical Analyst***

* Highly visible point-of-contact for all EMR system support, training, and installation. Also engaged in updating company ASP.NET website.
* Duties Included:
* Enhanced an EMR system document-indexer application using C#, ASP, WCF and WebServices.
* Installed, trained, and supported clients in all aspects of document management software that interfaced with Logician 5.5, 5.6 & 6.0 as well as CPS06.
* Customized Microsoft CRM to meet business needs

**5/2006 – 5/2007 MHA Group Irving, TX**

***Software Engineer***

* Updated/Enhanced in-house medical consultant billing and tracking software. This involved research, planning, design, development, testing and implementation of the computer software application.
* Duties Included:
* Bug tracking and fixing stored procedures and form-level code.
* Developing solutions to implement client-specific interfaces and workflows.
* Developing an understanding of the capabilities and limitations of the applications.
* Providing guidance for business decisions from a technical perspective of such issues as performance, scalability, reliability and security.
* Using current programming languages and technologies, writing code, performing testing, debugging, and configuring of applications to assure efficient program logic and data manipulation.
* Writing SQL stored procedures, views and triggers.
* Designing, developing and implementing applications using .NET technologies
* Work with Business Systems Analyst(s) and interact with users to determine system requirements and/or necessary modifications.

**6/2005 – 5/2006 TaxSation Inc. Richardson, TX**

***Developer***

* Update/Enhanced Corporate Tax Software.
* Duties Included:
  + Obtaining current year tax forms and procedures and updating system
  + I working closely with tax representatives from multiple states to gain formal approval of updated tax forms
  + Meticulous testing to make sure that customers receive a flawless product

**1996 - 2005 TriTech Software Allen, TX**

***Senior Developer***

* Developed Tax Software Products used by Fortune 500 Insurance Companies. Three products include Premium Tax, Municipal Tax and Tax Calendar.
* Duties Included:
* Database design, help file creation, building installs and one-on-one customer support.
* Responsible for development of the Premium Tax for 10 states.
* Responsible for Municipal Tax product. Including the research of over 10,000 municipality tax rates to manage compliance and supported 450 clients. Updated the product by adding extra features and enhancing current features based on customer feedback.
* Responsible for Tax Calendar product. Updated the product with over 10,000 tax dates and deadlines including indexing. Took the calendar product from 5 to 300 clients.

**EDUCATION & TRAINING**

* Collin County Community College
* Continuing Education Classes: C#, ASP.Net, JavaScript, JQuery, HTML5
* S&S High School