Test Candidate

Skill Matrix for County Sacramento Role

Skill	Number of Years	Self-rating (1-10, with 10 the highest)
Required Skills & Experience		
Expert level Visual Studio .NET	20	9
Expert C# experience	20	9
Expert level Javascript experience	10	8
Extensive, recent experience with all of the following:		
Angular,	1	7
TypeScript	1	6
ASP.NET	20	9
MVC	5	8
MVVM		
Bootstrap		
Extensive, recent experience with a distributed source control system (Mercurial or Git)	5	9 --- Git 5 years
Extensive, recent experience with the Single Page Application (SPA) paradigm	2	7
Extensive, recent experience with the Single Page Application (SPA) paradigm using one or more of the following frameworks:		
Angular (strongly preferred)	1	7
Durandal		
KnockoutJS		
RequireJS		
AngularJS		
Mobile Application Development	2.5 yrs	*At HPE I have experience with Sencha for developing mobile apps*
Extensive recent experience with Xamarin mobile application development	0	*I have experience with Sencha for developing mobile apps*
Extensive knowledge of and experience with SQL Server development	10	7
Including intermediate to advanced skill in Transact SQL	6	7
Knowledge of and experience with REST web services	8	7
Including experience with Microsoft WCF	15	9
Knowledge and experience with .NET Core	1	8
Knowledge and experience with NodeJS	1	6
Extensive knowledge of and experience with SQL Server development,	10	6
Including intermediate to advanced skill in Transact SQL	10	7
Knowledge and experience with .NET Core	1	9
Additional Skills Considered a Plus		
Apache Cordova or similar technology	3	6
Experience with the Atlassian Tools (Jira and Confluence)	State # of yrs in each	Jira 3 years Confluence 3 years

Experience training other developers in the latest technologies	10	8
Familiarity with iPads	7	6

PROFESSIONAL SUMMARY

- Highly skilled software developer with 16+ years of experience in Software Development and Maintenance Projects using SDLC (Software Development Life Cycle) and Agile Methodology
- Excellent Interpersonal Skills in Communications, Client Relationship and Strong Team Leadership
- Developed .Net Web based applications for more than 15 years using ASP.Net MVC, ASP.Net, C#, VB.Net, WCF, LINQ, Web Service, Java Script, CSS, XML, AJAX and SQL Server
- Strong Hands-on Experience in using Microsoft Technologies like ASP.NET, C#.NET, VB.NET, SQL Server, WCF, MVC, Entity Framework, Web API, Crystal Reports, Oracle 10g, 11g, DTS, SSIS, SSAS, SSRS, SQL Performance tuning, VB 6.0, VBA, HTML, XML, MVC, LINQ COM+ and Web Services etc.
- Exposure to n-tier/layer architecture, application architecture including AWS cloud.
- Working with Quality Assurance groups to resolve integration testing issues.
- Dedicated and Motivated Team Player and Ability to deal with people diplomatically
- Git, agile methods, JUnit, MS Test, and MSbuild
- Quick learner, Creative thinker and Analytical problem-solver with demonstrated ability to take projects from planning stage through execution/completion under the pressure of fast-paced, time-sensitive environments

.Net Technologies and Related Tools	.Net Core, ASP.NETCORE, MVC/Razor, Entity Framework, .Net Framework 4.6.2, C#.Net, VB.Net, ADO.Net, ASP.Net, LINQ, WCF/SOAP, Web Services, RESTapi, JQuery, **Angular JS, Sencha**, AWS cloud, SOA
Programing Languages	C#, C, C++, Java, TypeScript/Dependency Injection.
Web Technologies	Angular 4.0 Responsive design, ASP.Net, MVC 5, HTML5, DHTML, XML, SOAP, COM, JavaScript, **TypeScript**, CSS.
Additional Technologies	SSRS, SSIS, SSAS, Microsoft Dynamics CRM, LDAP, Active Directory, IIS, Tomcat/Apache, Splunk, Jira, Confluence, jboss, wildfly web servers
Databases	MS SQL Server 2012/2014, Oracle 11g
Project Management	Microsoft Project 2010
Other Tools	WCF Client test, GIT, JQuery UI controls, Visual Studio Team Foundation System (TFS)

PROFESSIONAL EXPERIENCE

RaboBank   **Nov'18– Present**
Senior Software Development Engineer/Web Developer
Project: Application Landscape

Design and implement a web application to call HPSM RestApi's to get all the banks IT assets (CI's – configuration items) and provide the bank personal to manage these IT assets using this application.

Responsibilities:
- Lead Engineer for this project.
- Implemented SOA web services using .NET CORE 2.2 for webapi's integrated into swagger.
- Implemented UI Response design in ASP.NET CORE using MVC/RAZOR
- Used GIT along with TFS for source code repository and agile stories updates.
- Participate in daily agile standup meetings.
- Implemented backend using .NET core Entity Framework with code first in SQL server.
- Used Confluence to document the troubleshooting steps and root cause analysis. So next Engineer can reuse this knowledge.

- Created test cases within the project to unit test the application.
- Worked closely with QA to make sure the application was fully tested in DEV/UAT environments.
- Worked closely with the UX engineer to design and develop rich user responsive interfaces in Angular 4.0 for the application UI. Using typescript.
- Designed and implemented .net RESTapi services to support the application for all backend calls.
- Designed and implemented Database in SQL Server 2016 to support this application using entity framework.
- Participated in daily Scrums with the whole team to discuss about the progress of the application development, specks to be taken care and specks that already completed

Environment: VS2017, C#, .NETCORE 2.2, TypeScript, RESTapi Web Service, IIS7.0 and SQL Server 2016, JQuery, Agile (Scrum) methodology

Verifone   **June '17 – Sept '18**
Senior Software Development Engineer
Project: VHQ (Verifone Head Quarter) Customer Enabling Engineering

VHQ is a customer facing multi-tenant single code base web application that allows the customers to manage their payment terminals and be able run diagnostics and collect diagnostic profiles and update firmware/software on the terminals.
Responsibilities:
- Was one of the lead Engineer for this project.
- Troubleshoot customer issues find root cause and provide hotfix after validating the fix in my local environment
- Used Confluence to document the troubleshooting steps and root cause analysis. So next Engineer can reuse this knowledge.
- Implemented and supported RESTapi to access various functionality of VHQ.
- Designed and implemented VHQ Admin Console (for all backoffice functionality)
- Hosted on AWS Cloud
- Worked closely with the UX engineer to design and develop rich user responsive interfaces in Angular 4.0 for the application UI. Using typescript.
- Designed and implemented .net RESTapi services to support the application for all backend calls.
- Designed and implemented Database in SQLServer 2016 to support this application using entity framework.
- Participated in daily Scrums with the whole team to discuss about the progress of the application development, specks to be taken care and specks that already completed
- Involved in writing application level code to interact with Restful Web APIs, Web Services using AJAX, JSON, XML and jQuery

Environment: VS2017, C#, .NET, TypeScript, RESTapi Web Service, ASP.Net, IIS7.0 and SQL Server 2016, JQuery, Agile (Scrum) methodology

Hewlett Packard Enterprise   **Jan '15 – May'17**
System/Software Architect
Project: HPE Support Center Mobile

HPE Support Center Mobile is a **customer facing mobile application available both for IOS and Android** devices that allows the customer to manage their contract and warranties with HPE and create and bookmark interesting cases and get push notification when the case is update by the call agents.
Responsibilities:
- Was the lead Engineer for this **Mobile Application project.**
- Designed and implemented Street level routing using virtual earth (now called Bing maps)
- **Worked closely with the UX engineer to design and develop rich user interfaces in <u>Sencha</u> for the application UI.**
- Designed and implemented the WCF(.NET) web services to support the application for all backend

calls.
- Designed and implemented SQL Server 2014 to support push notification.
- Implemented web services calls to interface with Google cloud messaging (GCM) and Apple Push notification service (APN).
- Participated in daily Scrums with the whole team to discuss about the progress of the application development, specks to be taken care and specks that already completed
- Was responsible for signing and pushing the application to iTUNES and Google play store.
- Involved in writing application level code to interact with Restful Web APIs, Web Services using AJAX, JSON, XML and jQuery

Environment: VS2013, C#, .NET, Web API Web Service, ASP.Net, IIS7.0 and SQL Server 2014 R2, JQuery, Agile (Scrum) methodology, Sencha
Link to app on google play store:
https://play.google.com/store/apps/details?id=com.hp.support

Hewlett Packard Enterprise   **Jan '13 – Dec '15**
System/Software Architect
Project: SCM.NET

Support Case Manger (SCM) is Customer facing asp.net application that allows the customer to create/manage update cases that are submitted into HPE CRM system.
Responsibilities:
- Involved in Software development life cycle (SDLC) of application from design phase to implementation phase, testing, Deployment and maintenance phase
- Participated in daily Scrums with the whole team to discuss about the progress of the application development, specks to be taken care and specks that already completed
- Worked with UX engineer to design and develop rich user interfaces with HTML/CSS/JavaScript
- Developed a website in ASP.NET MVC 4 using JQuery, JavaScript, C#, SQL Server, Visual Studio 2013, and .NET 4.0
- Used JQuery to make it easier to navigate a document, select DOM elements, create animations, handle events, and develop Ajax applications
- Created tables, stored procedures and views in SQL Server 2008 database for backend development
- Created WCF Services responsible for communicating and providing real time data from integrated server to Client Application
- JQuery AJAX calls were made to communicate with WCF service and data was retrieved in JSON format for display to improve application performance
- Used lambda expressions, LINQ to SQL and LINQ to entities for retrieving and inserting data in database
- Involved in data design and created and maintained databases objects, complex Stored Procedures, Triggers, and Tables, Views and SQL Joins and T-SQL statements for inserting/modifying/deleting data in relational tables
- Refactor code to optimize performance and simplify code management
- Perform automated tests, unit tests (NUNIT) and customized load testing for the overall system
- Creating applications using C# and enhancing projects for .NET applications
- Created, Consumed & Debugging Security implemented by using WCF SOAP service, used LINQ and Lambda expressions for data
- Performed Unit Testing with the testing tool NUNIT
- Source Code in Git for version control

Environment: Visual Studio.NET 2013/2012, C#, ASP.Net MVC 4.0, WCF, WEB API, Visual Studio 2012, IIS 7.0. HTML, HTML5, DOM, DHTML, XHTML, REST Web Services, LINQ, SQL Server 2008R2, Agile (Scrum) methodology.

Hewlett Packard   **April '2000 – Jan '13**
Chief Architect
Project: HP Instant Support
HP instant support is asp.net application that allows the customer to troubleshoot and resolve issues with their PC or Printer. Provides knowledge base documents to the issue the customer is trying to solve (context based) and if the customer cannot resolve the issue on their own than escalate the issue to HP call agent and collect data relevant to the issue automatically and display it on the call agent application and

chat with the call agent to resolve the issue

Responsibilities:

- Involved in Software development life cycle (SDLC) of application from design phase to implementation phase, testing, Deployment and maintenance phase
- Worked as a Developer in the team for designing and developing the application using Visual Studio .NET 2010, C#, ASP.NET 3.5, SQL Server 2008
- Created WCF web services for implementing business logic
- Created & hosted WCF Services and used different bindings to make it available to different types of clients
- Created various views and partial views in ASP.NET MVC
- Interacted with API service using explicit HTTP methods like GET, POST, and PUT
- Developed and tested user-friendly navigators by utilizing JavaScript and C#
- Performed Unit Testing for all units in developed pages using JUNIT Tool
- Worked with UX engineer to design and develop rich user interfaces with HTML/CSS/JavaScript
- Worked on Windows Communication Foundation (WCF)
- Created Tables, Stored Procedures, Views, Index's and involved in designing of Database tables
- Participated in peer code reviews for better quality assurance
- Used SVN source code tool for integration, maintenance and Security of code
- Involved in database design on SQL Server 2008 and development of different database objects containing functions, triggers, store procedures to manipulate database of the application
- Developed a communication layer that is used for consuming web services (SOAP, WSDL) and this layer was used while fetching the products

Environment: Visual Studio 2010, ASP.NET 2.0/3.5, C#, AJAX, SOAP, IIS 6.0, ADO.NET, CSS, SQL Server 2008, WCF, Java script, IE.

EDUCATION
Bachelor of Science in Computer Science, University of California, Davis