Swathi Kathera

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# SUMMARY

Experienced Full Stack .Net Developer with 6+ years of proficiency in the complete SDLC, encompassing a wide array of programming languages and methodologies, including Agile, Waterfall, and Scrum. Demonstrated expertise in MVC frameworks, including MVC 6.0/5.0, with a strong focus on .NET MVC architecture, clean C# logic, entity framework and integration of REST services using various communication protocols, alongside resource-oriented service creation with Web API. Highly skilled in client-side development with advanced JavaScript/UI technologies, database design (RDBMS), and extensive experience with MS SQL Server and Oracle. Accomplished in XML Web Services development, utilizing C#, ASP.NET, XML, JSON, XSLT, and REST for enterprise business component exposure. Proficient in AWS concepts and known for a versatile, problem-solving approach within tight deadlines. Dedicated to delivering robust, user-friendly web applications and driving innovation.

# EXPERIENCE

***Employment Development Department | Sacramento, California (REMOTE) June 2020 -Present***

**Software Developer**

* Demonstrated proficiency in developing rich and responsive user interfaces using a combination of ASP.NET MVC and HTML, CSS5, Angular 12, and Bootstrap 3.4.
* Used ASP.Net MVC framework to support the use of dependency injection to inject Objects into the class, instead of relying on the class to create the object.
* Successfully designed and prioritized content for mobile versions, enhancing user experience across various devices.
* Utilized advanced skills in MS SQL Server, specializing in the creation of complex database components such as Stored Procedures, Views, Triggers, Functions, T-SQL, Indexes, Cursors, and SQL Performance Tuning.
* Contributed to the development of the "Manage Document Request" which consumed RESTful services from a .NET backend, demonstrating a strong understanding of database-driven applications.
* Design and implement migration strategies for traditional systems on Azure (lift and shift/ Azure migration, other third-party tools) worked on azure suite: Azure SQL database, Azure data lakes (ADLS), Azure Data Factory (ADF) V2, Azure Key Vault.

***Diamond Resorts International | Orlando, Florida May 2019-May 2020***

**Software Developer**

* Designed and developed web applications using Asp.Net MVC Views, Asp.Net MVC Partial Views, Asp.Net MVC Layouts, HTML5, Bootstrap Themes, CSS, JavaScript, jQuery, and Ajax.
* Ensured the creation of rich, responsive, and user-friendly interfaces for Members and Rentals sites, prioritizing mobile web content for enhanced accessibility.
* Leveraged UI technologies such as HTML5, CSS, and Bootstrap to deliver an optimal user experience.
* Demonstrated expertise in Oracle database design and development, encompassing the creation of database constraints, indexes, views, stored procedures, cursors, triggers, and user-defined functions.
* Successfully migrated applications from classic to modern design, including "Valued Getaway," employing services, factories, and dependency injection (DI) in ASP.NET MVC, HTML, CSS, JavaScript, and more for both web and mobile versions.
* Played a pivotal role in transitioning from Harland to Northridge database systems, ensuring seamless data management on the Members site.
* Utilized Drupal to configure verbiage for SLB online owner reservations, including 'Rental Release' and 'External Exchange.'
* Developed a range of WCF/REST services and proficiently consumed them, applying various communication protocols, with a focus on creating resource-oriented services over HTTP using Web API.

***Hilton Grand Vacations | Orlando, Florida MAY 2018 – MAY 2019***

**Software Developer**

* Designed and developed Chorus applications based on .NET MVC, incorporating user controls and clean C# code-behind logic.
* Implemented REST services and adeptly consumed them using various communication protocols, including the creation of resource-oriented services over HTTP with Web API.
* Utilized ASP.NET web server controls, Data Controls, HTML, CSS3, Telerik controls, and Bootstrap 3.3 to craft rich and responsive Chorus UIs, encompassing features like Grid and details View.
* Prioritized mobile UI design for optimal user experience.
* Created a Windows service and MSI package to seamlessly integrate applications with RFID readers, facilitating RFID tag reading for the sales team.
* Demonstrated proficiency in Angular 2 and Angular.js for UI development and end-to-end unit testing, enabling Continuous Integration/Continuous Deployment (CI/CD) practices.
* Utilized SQL Server database, implementing T-SQL queries, functions, stored procedures, triggers, and views to ensure data validation, reusability, and query optimization.
* Conducted research and analysis of the Chorus Application, identifying opportunities to enhance application performance.
* Actively participated in Code Reviews with team leads and quality analysts, adhering to best coding practices, business requirements, and security guidelines.
* Collaborated in Docker containerization and cloud deployment, supporting developers in containerizing applications and deploying them on various cloud providers.

***Cognizant Technology Solutions | Hyderabad, India MAY 2013 – Jan 2016***

**.Net Developer**

* Developed a 3-tiered web-based application with a strong focus on the Business layer using C#.NET, demonstrating expertise in object-oriented programming.
* Utilized HTML, CSS, and JavaScript to design responsive web layouts, enhancing the user experience.
* Contributed to the design and development of reports in SQL Server by leveraging SQL Server Reporting Services (SSRS).
* Demonstrated proficiency in version control and build maintenance using Git, ensuring efficient source code management.
* Applied C# concepts such as encapsulation, inheritance, and abstraction to address complex programming scenarios.
* Implemented both Client-Side and Server-Side Validations using JavaScript and C#, enhancing application robustness.
* Leveraged SQL Server 2005 to write SQL stored procedures and database triggers for efficient data management.

# EDUCATION

**Masters in applied computer science *Jan 2016 – MAY 2017***

*Frostburg State University | Frostburg, MD |*

# SKILLS

* Programming Languages: C#, Python, JavaScript, Typescript
* Web Technologies - ASP.NET 4.7/4.5/4.0/3.5/3.0, ASP.net MVC, HTML, CSS, Ajax 3.0/2.0, JavaScript, jQuery, Bootstrap, Angular 6, Node JS
* IDE Tools - Visual Studio 2017/2010/2008, SQL Server Management Studio 2012/2016, Vs code
* Net Framework 4.7/4.6/4.5
* Unit Testing – Nunit
* Databases - MS SQL SERVER 2012/2008/2005/2000, Oracle 10g/9i/8i.
* Reporting Tool - SQL Server Reporting Services (SSRS 2008/2005), Crystal Reports (2010/ 09/ 8.5/8), SSIS
* Version Control Tools - Team Foundation Server 2018/2013, GitHub.
* Middleware - Web API, WCF, ADO.NET 4.0/3.5/3.0, MSMQ, Web Services, Enterprise Library 5.0/4.0/3.1
* Servers - Windows Server 2008/2003/NT, Microsoft IIS (7.0/6.0/5.0/4.0).
* Cloud Computing -Amazon AWS and AZURE

Entity Framework .net core

# Professional References

On Request