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VIKRAM REDDY

.Net Developer

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Objective:To seek a challenging career with an esteemed organization and grow professionally by strengthening my skills at every stage and always keeping the goals of the organization as the prime objective.

Summary:

* Over 10 years of professional experience in working with Microsoft technologies like **C#, ASP.NET MVC, ASP.NET WEB API, .NET Core, ADO.NET / Entity Framework, Microsoft SQL Server,** TFS, Git and front - end development technologies HTML5, CSS3, JavaScript, **jQuery**, **AngularJS, Angular (9/10/11), Typescript and Bootstrap framework.**
* **Experience in front - end development technologies** HTML5, CSS3, JavaScript, jQuery, ReactJS, Redux, AngularJS, Angular (9/10/11/12), Typescript and Bootstrap framework.
* Implement and enforce Industry Security best practices in coding for front end development such as **OWASP Top 10 controls.**
* Extensive experience in developing web pages **using JavaScript, ReactJS, Redux, Flex, JSON, JSON Web tokens, Node.js, Ajax, JQUERY Bootstrap.**
* Experience in designing and architect server less web application using **AWS Lambda, API Gateway, Security Token Service (STS).**
* Experience in developing **N-Tier Architecture** using Data Access Layer (DAL), Business Logic Layer (BLL) and User interface (UI), **Model View Controller (MVC).**
* Experienced in developing Single Page Application (SPA) by using **Angular**.
* Experienced in responsive UI design and tools such as HTML4/5, CSS3, Bootstrap, AJAX, and **Angular**.
* Experience in designing and creating **NoSQL** databases such as **MongoDB** as well as relational databases such as **SQL.**
* Experience with **NoSQL** **MongoDB** in working with collections, indexes, shards and other database management tasks.
* Expertise in developing Client/Server Applications on various architectural design patterns **including MVC 3.0/4.0, Two-Tier, Three Tier Architecture**.
* Experience of .NET Platform Technologies in Web Application using **ASP.NET, ADO.NET, C#, Web Services, XML/XSLT.**
* Created Web and windows applications using **C#, ASP.NET, ADO.NET**, **HTML, XML**, **JavaScript**, **CSS**.
* Experience in using two-way data binding, UI-routers and creating custom directives in **Angular.**
* Expert in creating Cross platform **Xamarin** Applications for Mobile UI development and created services interacting Web API calls with deployment in Android Marketplace and IOS App Store.
* Experience in creating Web Services (SOAP, WSDL) under .NET Framework in Visual Studio.NET (2012/2017/2019).

Education:

**Master of Science in Computer Science**

University of Houston-Clearlake, Houston, TX

Technical Skills:

.NET Technologies : NET 4.5/4.0/3.5/3.0, MVC 4.0/3.0, C, ASP.NET, .NET Core3, .NET Core 6

Public Cloud : Amazon Web Service VPC, EC2, Lambda, API Gateway, S3, EBS, RDS, CloudFront, CloudWatch.

Database : SQL Server 2016/2012/2008, MongoDB

Web Technologies : HTML5/HTML, CSS3/CSS, Bootstrap, JavaScript, Angular (10/11/12), jQuery, AJAX, JSON, Node.js

Programming Languages : C#, ASP.NET, JavaScript, AJAX

Scripting Languages : JavaScript, AJAX, jQuery, LINQ

Tools : Visual Studio 2019/2017/2012, SQL Server Management Studio, SSIS

Reporting Tools : Crystal Reports, SSIS, and SSRS.

Work Experience:

**Lending Tree, Charlotte, NC**  **July ’21 – Till Date**

**Role: Software Engineer**

**Project: Session Tracking and Split**

**Responsibilities:**

* Developed **ASP.NET Core** Web API based on departmental requirements and specifications.
* Worked with advanced concepts of **ASP.NET Core MVC** such as Models and Providers, Filters used for developing backend technology.
* Built **S3 buckets and managed policies** for **S3 buckets and used S3 bucket** and for storage and backup on **AWS**.
* Designed an application using Web API with **Angular (10/11),**leveraged Entity Framework (EF) and **MongoDB** as the database**.**
* Implemented **Client-side validation** using**Angular Custom Form Validation** with**ng-if.**
* Developed various services in **angular** that consume rest services from the backend written in.NET. Also Utilized reusable components and guards to better accommodate the complete web application.
* **Managing CDN on Amazon Cloud Front** (Origin Path: Server / S3) to improve site performance.
* **Create & Managing buckets on S3** and store db. and logs backup, upload images for CDN server.
* Setup databases on **Amazon RDS or EC2 instances** as per requirement.
* Creation of POCs and architecture for upcoming engagements, implemented **ng-for** to display data and utilized CRUD features such as sorting, filtering, paging and data manipulation and by using **Angular 10.**
* Designed the framework in C# based on repository pattern to access the **MongoDB**.
* Used Angular as framework to create **Single Page Applications** which can bind data to specific views and synchronize data with server.
* Created **Angular service** and integration with RESTful APIs.

**Environment:** .NET Framework 4.5, .Net Core 3.0/6.0, Visual Studio 2019, C#.NET, SQL Server 2016, Redshift, AWS Lambda, MongoDB, Angular (10/11), AWS S3, JavaScript, HTML5, CSS3, JQuery, JSON, Bootstrap, LINQ, AJAX, GIT, Agile development.

**Safeware, Dublin, OH**  **Sept ’15 – July ’21**

**Role: Web Developer**

**Project: SIMS and Mobile Application**

SIMS is an internal web application which maintains all the Customer, Policy and Claim information from various sources i.e., a contract submitted from website or phone or through data feed. The application provides customers with a user-friendly approach to register themselves as Safeware customers to Customize and manage their information which also integrates with our website portals.

**Responsibilities:**

* Implemented **JWT Token** based authentication to secure the **ASP.NET Core Web API** and provide authorization to different users.
* Developed **ASP.NET Core** Web API based on departmental requirements and specifications.
* Worked with advanced concepts of **ASP.NET Core MVC** such as Models and Providers, Filters used for developing backend technology.
* Used **Angular** as framework to create **Single Page Applications** which can bind data to specific views and synchronize data with server.
* Worked on creating log-in authentication modules using **Angular and JavaScript**.
* Used **UI Router** to create different hierarchy structures in single page application.
* Designed GUI and interfaces with services for mobile applications, Asynchronous Programming in **Xamarin.Android, Xamarin.iOS and Xamarin .Forms.**
* Created Mobile Application using **XAML** and worked on Web API to connect a bridge with SQL on IOS and Android Platforms.
* Created different layouts (**stack layout, relative layout, absolute layout**) and Grid views for rich UI.
* Designed and developed web forms using **ASP.NET and C#.NET.**
* Developing the application using **MVC, Entity Data Model and RESTful** and WCF services.
* Responsible for UI design and creating contracts and classes in WCF for different modules in the application.
* Implemented UI using MVC 4.0, HTML, XML, CSS, **JavaScript, AngularJS, AJAX** and Web Form Controls to create responsive web pages, developed Master Pages.
* Extensively worked on **.NET Nuke Portal** which synchronizes all the incoming data from website onto local environment.
* Design Web applications using **.Net Nuke** and **OWS module** for rich user interface.
* Maintained the code using version control system like **Git**.

**Environment:** .NET Framework 4.5, .Net Core 3.0/6.0, Visual Studio 2019, C#.NET, SQL Server 2016, MongoDB, Angular (10/11), JavaScript, HTML5, SASS, CSS3, JQuery, JSON, Bootstrap, LINQ, AJAX, GIT, Agile development.

**ADP,Ann Arbor, MI**   **Sep ’14 – Aug’ 15**

**Role: Software Developer**

**Project: Payroll Mobile Application**

**Responsibilities:**

* Developing custom workflows using SharePoint designer 2010 for Helpdesk, change management and infrastructure operations.
* Involved in analysis of **SharePoint 2010** and Migration from MOSS 2007 to SharePoint 2010 of internal SharePoint Site.
* Used **UI Router** to create different hierarchy structures in single page application.
* Created Mobile Application using **XAML** and worked on Web API to connect a bridge with SQL on IOS and Android Platforms.
* Created different layouts (**stack layout, relative layout, absolute layout**) and Grid views for rich UI.
* Designed and developed web forms using **ASP.NET and C#.NET.**
* Developing the application using **MVC, Entity Data Model and RESTful** and WCF services.
* Responsible for UI design and creating contracts and classes in WCF for different modules in the application.
* Implemented UI using MVC 4.0, HTML, XML, CSS, **JavaScript, AngularJS, AJAX** and Web Form Controls to create responsive web pages, developed Master Pages.
* Extensively worked on **.NET Nuke Portal** which synchronizes all the incoming data from website onto local environment.
* Design Web applications using **. Net Nuke** and **OWS module** for rich user interface.
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**Environment:** .NET Framework 4.5, .Net Core 3.0/6.0, Visual Studio 2019, C#.NET, SQL Server 2016, MongoDB, Angular (10/11), JavaScript, HTML5, SASS, CSS3, JQuery, JSON, Bootstrap, LINQ, AJAX, GIT, Agile development.

**Cyma Systems Inc.,** **Manchester, CT**   **Feb ’12 – Aug’ 14**

**Role: Software Developer**

It’s an internal business organization defining and implementing complex integrated content management solutions that optimize technology to support and grow their business. The Developer is involved with the Development Team on projects including installations, customizations, and deployments.  Their main priority is to deliver business value to clients by developing and delivering solutions customized for the clients' current and future business needs. As part of this opportunity, the Senior Developer will work with cutting edge Microsoft technologies (including ASP.NET, C#, SharePoint 2010), and be involved in all aspects of customer engagement, design, development and delivery of applications.

**Responsibilities:**

* Designed and developed web forms **using ASP.NET and C#.NET**.
* Extensively worked on **HTML, DHTML, CSS, and Java Script** for web forms designing and validations.
* Worked on Validation controls, User Controls, Custom Controls for code reusability, and Web Server controls.
* Extensively worked on WinForms using C# which involved Multithreading.
* Developing custom workflows using SharePoint designer 2010 for Helpdesk, change management and infrastructure operations.
* Involved in analysis of **SharePoint 2010** and Migration from MOSS 2007 to SharePoint 2010 of internal SharePoint Site.
* Extensively used MS Visio for workflow templates & for designing figures used to display by using page viewer web parts.
* Designed and implemented Dashboard functionality using Excel services by enabling and activating appropriate features and specifying trusted locations.
* Created Custom Event Handler by using SharePoint Event Receivers for performing different tasks and implement monitoring.
* Worked on Business Data Catalog to integrate business data from backend SQL Server 2010.

**Environment:** SharePoint Server 2010, Windows SharePoint Services (WSS) 3.0, SharePoint Designer 2010, Visual Studio.NET 2010, C# .Net, ASP.NET 3.0, ADO.NET, MS-InfoPath 2010, Windows server 2008, SQL SERVER 2008, SSRS, WWF, CSS, HTML, DHTML, IIS 7.0, AJAX, Web services, SOAP, XML, XSLT.

Academic Projects:

**MATERIAL MASTER THROUGH ORACLE** BHEL, Hyderabad **Sep’ 09 - Jan’ 10**

**Role: Design, Development and maintenance of web modules using C#, ASP.NET, HTML, Visual Studio 2008, JavaScript, MySQL.**

* Developed a web application with basic details of the materials given to different departments of an organization.
* The basic material data forms the basis for all the departments of a company like the Purchasing Department, Sales Department.
* Interacted with the end users to gather and analyze the requirements.

**Environment:** C#, ASP.NET, ADO.NET, UML, SQL Server 2000, Visual Studio 2003.

**ONLINE PETITION SYSTEM May’ 09 - July’ 09**

**Role: Team lead, Implemented the application modules using** **C#, ASP.NET, HTML, Visual Studio 2008, JavaScript, MySQL.**

* Developed a web application to automate the process of filing general petition by students, which are required to transfer credits, apply for out of department course, change status etc.
* Designed using agile methodologies and test-driven development.

**Environment:** C#, ASP.NET, ADO.NET, UML, SQL Server 2000, Visual Studio 2003.