**NAVATEJA** **GAJULA**

Full Stack .Net Developer

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**Professional Summary:**

* Over 7+ years of experience in .Net Development in all phases of SDLC (Software Development Life Cycle) such as planning, analysis, design, implementation, testing and maintenance of Web Based applications.

 Hands on experience in client-server and web based environment using Microsoft .Net Framework including C#, VB.Net, ASP.Net, MVC, ADO.Net, Web API, Web Services, Windows Communication Foundation(WCF), Entity Framework Core, Microservices, Git, Postman, REST, LINQ, AJAX, IIS, WPF, and XML.

* Experience in Developing User Interface (UI) for Rich Web Applications using Front End/User Interface (UI) Technologies like HTML, Object Oriented JavaScript, Type Script, Angular 2.0/4/6, React JS, AngularJS, JQuery, CSS, and Bootstrap.
* Experience utilizing tools in N-tier and Microservices architecture applications.
* Experienced in database designing/architecture with SQL Server 2000/2005/2008/2012 writing database queries using joins, Indexes, views, stored procedures, triggers, normalization, functions, and query optimization techniques.
* Expertise in React JS framework to develop Single Page Applications(SPA).
* Experience in using React JS components, Forms, Events, Keys, Router, Virtual DOM, JSX and Flux concept.
* Expertise in AngularJS Expressions, Directives, Controllers, filters.

 Experience in web programming with a good understanding of concepts like custom controls, Master Pages, Themes, Validation controls, Design patterns, and several other ASP.net features.

 Developed Views, controllers and business logic models using C#.

 Implemented Object oriented programming (OOPs) concepts in most of the applications.

 Analyze data from the site analytics and helped to optimize.

 Experience in working with 3-tier architecture, n-tier architecture.

 Extensively & efficiently used Data Reader and Datasets in ADO.Net to retrieve, display, edit and update data in the database.

 Extensive understanding of Object Oriented programming skills which is used to develop the middle tier of the applications.

 Perform and adhere to IT Security policies, standards and procedures when determining account access to software and data; set up users with the appropriate software access.

 Experience in IIS web server configuration and deployment.

* Experience working with Microsoft Azure Cloud based IAAS - Virtual Networks, Virtual Machines, PAAS, and SAAS.
* Deploying application to Azure using visual studio.
* Strong interest in efficient Algorithm design and analysis.
* Strong knowledge in Advanced Data Structures.
* Strong Understanding of Data structures, Algorithms, Object-Oriented Design, Design patterns like singleton, factory, MVC, MVVM.

 Strong analytical skills with proficiency in debugging and problem-solving.

 Ability to work individually as well as in a team with excellent problem solving skills, troubleshooting capabilities, learning new tools and concepts.

* Good understanding of storage concepts. Experience in designing and implementing Azure Storage.
* Highly Curious about new front-end development technologies and adept at promptly and thoroughly mastering them with a keen awareness of new industry developments and the evolution of programming solutions.
* Implementing high performance custom algorithms in several languages and also optimizes existing algorithms for speed and memory usage.
* Expertise in SSIS Customization by extending MS Business Intelligence Framework and writing stored procedures and views for SSIS, SSRS in SQL Server.

**Technical Skills:**

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| --- | --- |
| .NET Technologies | ASP.NET, MVC, ADO.Net, Entity Framework, AJAX, WCF, SOAP, LINQ, WPF, Windows Forms, Web Services, Microservices. |
| Languages | C++,C#, VB.Net |
| Web Technologies | HTML5,CSS3, Bootstrap, JavaScript, AJAX, jQuery, Angular, React. |
| Database Technologies | SQL Server |
| Disciplines | Microsoft Visual Studio .NET 2015/2013/2012/10/08/05, VSCode |
| Operating Systems | Windows 7/8/X, Windows Server 2012, LINUX |
| Versioning Tools | MS Visual SourceSafe, MS Team Foundation Server, Bitbucket, GIT. |
| Framework | Microsoft .NET Framework, .Net Core, Angular |
| Reporting tools | Crystal Reports 10/9.0, SQL Server Reporting Services |
| Cloud technologies | Microsoft Azure |

**Professional Experience:**

**Full Stack .Net** **Developer**

**Genentech** **Inc.** - Oceanside, CA Feb 2018 to till Date

Importing one or many formulas data from legacy system to latest system or creating a brand new formula data in new system itself and do the appropriate formula changes using web interface and check in to new system.

**Responsibilities:**

 Developed Web application with Microsoft .NET technologies, APIs with ASP.NET Web API and business layer with C#, Data access layer with ORM Entity Framework Core and Microsoft SQL Server 2012 as database.

* Developed Single-page responsive web application usingHTML5, CSS3, Bootstrap, Typescript and React JS.
* Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called HTML tags.
* Used React JS for developing reusable components.
* Implemented the Drag and Drop functionality using React-Draggable.
* Worked on using React JS components, Forms, Events, Keys.
* Developed custom algorithms using advanced data structures.
* Implemented algorithms to analyze the data.
* Designed data structures and stored procedures, and tune existing stored procedures on SQL Server 2012.
* Experience in Virtual DOM, Life Cycle Methods, working with React States and React Props.
* Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called HTML tags.
* Elegantly used React-Router techniques Axios service to retrieve data from server synchronously in the background without interfering with the display and existing page in an interactive way.
* Used ADO.Net components like Grid View, Data Adapter, Data Reader and Data Set to retrieve, display data.
* Developed stored procedures, Views and automated SQL, T-SQL scripts for database maintenance, deployment and installation.
* Participated in various Client meetings with the team and the Project manager to discuss improvements/amendments in the development of the section.
* Developing Prototype for the project using Ajax, JSON, JQuery, JavaScript, HTML5 and CSS3.
* Used JavaScript (JQuery) to enhance UI experience on Client-Side and also used JQuery to perform validations and catch the events on client's browser.
* Used Entity Framework Core as ORM and used Code First Approach for Data Layer.
* Extensive use of web services and web APIs.

**Environment:** SPA, ASP.NET Web API, C#, SQL, .NET 4.5, WCF, React JS, JQuery, JavaScript, LINQ, AJAX, XSLT, HTML5, CSS3, Bootstrap4, JSON, and XML.

**Full Stack .Net** **Developer**

**Genentech** **Inc** - Oceanside, CA Dec 2016 to Feb 2018

Converting physical logbooks to electronic logbooks. There are different types of logbooks in this project scope, those are Room clean, Equipment clean, Weigh Check and pHTitraion. Objects of this project are building rich Web interfaces with dashboards, Reports, Admin pages. For better traceability, cost saving, time saving, and data manipulations.

* Developed a single page, UI-first, cross-device/cross-browser web application for real-time location sharing utilizing Angular, JavaScript.
* Built Web pages that are more user-interactive using AJAX, JavaScript, and Angular.
* Implement data grid/tables using Bootstrap and Angular for front-end client facing the Single Page Application (SPA).

 Write complex Linq statements using Lambas, delegate functions and build Expression Trees based on dynamic data input to formulate SQL queries on the fly and retrieve, update, delete, insert data into the database.

* Built the dashboard in the User interface where the user can view all the types of equipment, due dates, frequency of activity, status, and external links.
* Used open source library like Angular material to create customized components.
* Utilized AngularJS to achieve the client-side elements Hide, Show, Event Handling and AJAX Call on JSON response.
* Used Angular CLI to generate Components, Pipes, Services.
* Used services provided by Angular such as the HTTPClient to perform HTTP GET and POST Requests.
* Used Single Page Application (SPA) format using Angular's routing.
* Developed UI using Angular, HTML, CSS, JavaScript validations.

 Created stylesheets using xslt.

* Used Cascading Style Sheets (CSS) to maintain design consistency across all Web forms.
* Responsible for resolving the problem logs and bugs in the application.
* Created and maintained database tables, user logins, views, indexes, and constraints to implement business rules and also created Triggers to enforce data and referential integrity.
* Developed SQL Queries, Procedures and Functions accordance with Business Requirements.
* Optimized the query performance with modification in SQL queries.
* Created and consumed WCF service to retrieve the customer information.
* Extensively used AJAX for posting and getting data to the services.
* Used features of Visual Studio controls like Master Pages, Security and Login forms.
* Worked with test team and fixed the issues as part of the bug life cycle.
* Created Technology Use Case, Sequence Diagram, and Interaction Diagram.
* Created Data Model, design Data Tier and Service Integration Tier.
* Data Formatting was done using HTML, CSS and client side scripting.
* Implementation of client-side validations using JQuery and ASP.NET MVC Validation implemented at Controller level.
* Directives like ng-repeat, ng-model and ng-grid were bind with data to display on dashboards.
* Implemented pagination, searching and sorting to the web pages included pie-charts, bar diagram, graphs to the better analysis of account details by the customers and better understandability.
* Implemented the cookies, sessions for the temporary storage of the data and to pass the data between different pages.

**Environment:** ASP.NET with MVC, C#, SQL, .NET 4.5, Web API, WCF, ADO.NET, JQuery, Angular, JavaScript, LINQ, AJAX, XSLT, HTML5, CSS3, Bootstrap4, XML, and Visual Studio.

**.Net** **Developer**

**Genentech** **Inc** - Oceanside, CA June 2016 to Dec 2016

This project is to build a thin web client where the user can upload the XML files to Agile Doc parser and giving easy access to the user to retrieve agile doc reports for review and approval purposes.

**Responsibilities:**

* User interface dashboard consists of different modules representing the status of the parser.
* List of documents generated in the agile Doc server.
* The user details who is parsing the XML and the list of XML files parsing details.
* Agile Doc delete tool to delete unwanted objects from the master database.
* Controlling the types of files uploading to the server.
* Windows login authentication to access the web application.

 Providing production support being on call. Fixing the issues with the workflow steps, Analyzing the issues and resolving.

 Maintaining the virtual machines with periodical backups and restarts.

 Provide IT consulting, software development, Internet and Network Support.  Fixing application and system problems through email and by phone.

 Implemented validation using validation controls, **JQuery**, and **JavaScript** client-side validations.  Developed web applications using **ASP.NET** **4.5,** **MVC** **5,** **Web** **API,** **C#,** **SQL** **Server,** **AJAX**

**Extensions.**

 Expertise in Source to target mapping in enterprise **data** **warehouse** environment.  Developed web pages by using **Angular** **JS,** **CSS3,** **Bootstrap,** **and** **HTML5.**

 Developed using AJAX, Object Oriented (OO) JavaScript, JSON, and XML.

 Defined all **AngularJS** controllers in a JS file and reused in various pages of the application.

Used **JQuery** event handling mechanism to dynamically assign events on web controls. Worked on cross-platform compatibility to support the application on all the browsers.

 Used **ADO.NET** and Grid View, Data List, Dataset Classes for data manipulation and for communicating with the database in a structured manner.

 Used **AJAX** controls to retrieve the data from the server without interfering with the display and behavior of the existing page.

 Creating different types of reports like drill down, drill through, sub-reports and parameterized reports.

 Creation of datasets in SSRS to populate report data.

 Participated in the daily stand up SCRUM agile meetings as part of the AGILE process for reporting the day to day developments of the work done.

**Environment:** ASP.NET with MVC, C#, SQL, .NET 4.5, Web API, WCF, Entity Framework 4.0, JQuery, AngularJS, JavaScript, LINQ, AJAX, XSLT, HTML5, CSS3, Bootstrap4, and XML.

**Software** **Engineer**

**Zetatek** **Industry** - Hyderabad, TG June 2011 to Dec 2014

software Group is a well-knit segment of the organization covering a wide spectrum of software activities for integrated solutions to industrial needs in areas of Embedded Systems. Various types of Vibration controllers for testing Electrodynamics Shakers.

**Responsibilities:**

 Design solution architecture, perform intensive requirements analysis, the present project team with new scenarios and business perspectives for various complex cross-functional projects.

 Conference with project manager to finalize documents related to information provided, detailed business requirements, project schedule, and others.

 Involve in the complete Software Development Life Cycle (SDLC) including Analysis, Design, Implementation, and Testing using AGILE-SCRUM Methodology.

 Develop solutions for diverse programming scenarios in .NET(C# & VB.NET), employing Object Oriented Programming (OOP) concepts such as encapsulation, inheritance, polymorphism, and abstraction.

 Skills in accessing the data using ADO.NETover OLEDB provider with C#, .NET and VB.NET.

 Responsible for developing new modules for both Windows and Web applications in C# and VB.NET.

 Create and validate Views, User Controls, Models, View Models and Controllers of MVC5 Framework.

 Extensively use JQUERY, JSON to handle events on the Client Side, Ajax calls and serializes Format to View Models.

 Involve in writing application-level code to interact with RestFul Web APIs, Web Services using AJAX, JSON, and JQUERY.

 Use ASP.Net web application in LINQ to SQL for database connectivity.

 Extensively written Stored Procedures in SQL Server and used ADO.NET Data Reader, Repeaters, Dataset Classes for data manipulation.

 Implement Unit Testing and Integration Testing. Create and maintain database objects like complex Stored Procedures, Triggers, Tables, Views and SQL Joins.

 Responsible for maintaining versions of source code using Team Foundation Server 2010.

 Support Operations team during the deployment and troubleshooting the production issues during deployment and on regular basis.

**Environment**: ASP.Net, C#.Net, ADO.Net, HTML, MVC, SQL Server, IIS, Java Script, SOAP, XML Web Services, WCF.

**Educational Qualifications:**

 Texas A&M University-Commerce May 2016

Master of Science in Computational Science

GPA 3.48/4.00

 Bachelor of Technology (B. Tech)

May 2010

Electronics and Communications Engineering

GPA 80%