**AMULYA**

**Sr. .NET Full Stack Developer**

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**SUMMARY**

* **7+ years of extensive** coding experience in **Full Stack Web application** development, design, integration and implementation using Microsoft .NET technologies.
* Involved in the design and development of **N-tier** **distributed** **architectures** and **MVC architectures**.
* Experience in developing web page quickly and effectively using **HTML5**, **CSS3**, **Responsive Web Design**, **Bootstrap, Angular** **2/5** and experience in making web pages cross browser compatible.
* Extensively used various **ASP.NET** features like Caching, Session for State Management of Web Applications.
* Expertise in creating **Web Forms**, **Win Forms, User Controls, Custom controls, .Net Framework.**
* Good experience in using **ASP.NET** Server Controls and **ASP.NET** **Ajax Controls** like **Script Manager**, **Update Panel** and **Modal Popup Extender.**
* Proven knowledge in creating and consuming **WCF** servicesand **Web services.**
* Expertise with **ADO.NET** objects such as connection object, command object, Data Reader Object, Dataset Object and Data adapter object.
* Experience in designing User Interface(**UI**) screens and implemented application logic in Microsoft .Net framework using **DevExpress** tools for **Web** **Forms**, C**#.Net** **DevExpress** grid Controls.
* Created various UI widgets using **JavaScript** libraries and developed Rich Internet Applications (**RIA**).
* Executed **Angular** native features extensively to develop Single Page Applications.
* Good experience in working with the **Document Object Model (DOM)** and **DOM** Functions.
* Built web-apps using **Angular 2.0 framework** which is highly efficient in integrating with Restful services.
* Designed Web-based **ASP.NET** applications linked to firm-wide **SQL databases**.
* Extensive experience in developing **PL/SQL** Stored Procedures, Functions, Packages, Cursors, Collections (Nested tables and Arrays), Records, Object types and Database Triggers.
* Verified **SQL** server log files to ensure back up tasks, batch commands and scripts to process successfully.
* Experience in creating use case diagrams, class diagrams, activity diagrams, sequence diagrams, page flow diagrams using **UML** technologies.
* Worked with **AGILE** waterfall and **SCRUM** methodology of software development for early and continuous delivery of valuable software.
* Expertise in using application server **Gulp**, **Grunt** and excellent problem identification skills through **Jasmine**.
* Excellent systematic approach and ability to work effectively in a fast paced environment. Strong interpersonal and communication skills combined with self-motivation, initiative and the ability to think outside the box.

**TECHNICAL SKILLS**

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| --- | --- |
| **Operating Systems** | Windows XP, 7, 8, 10 |
| **Languages** | C, C#, Visual Basic |
| **Web Technologies** | HTML, HTML5, CSS, JavaScript, Angular 2/5, XML, Web Services, ASP.NET |
| **Microsoft Technologies** | ASP.NET 4.5/4.0/3.5, .NET Framework 4.5/4.0/3.5, MVC 5.0/4.0, Entity Framework, WCF, ADO.NET |
| **Tool Editors** | MS Visual studio 2008/2010/2012/2013/2015, Visual Studio Code, SQL Management Studio, MySQL, Notepad++ |
| **Methodology** | OOPS, SDLC, Agile, SCRUM |
| **RDBMS** | MS SQL Server 2012 |
| **Query Languages** | SQL/PL-SQL, T-SQL, Oracle 11g |
| **Source Control** | Team Foundation Server (TFS) |
| **Reporting Tools** | SQL Server Reporting Services, Crystal Reports |
| **Modelling Tools** | Rational Rose, Microsoft Visio 2017 |

**PROFESSIONAL EXPERIENCE**

**Company: Chevron Phillips Chemical, Sweeny, TX February 2018 – Till Date**

**Role: Sr. .NET Full Stack Developer**

**Chevron Phillips Chemical** is the world’s top producer of ethylene and polyethylene. The “SHERLOCK - APM” is a dashboard application which serves as an information hub for the management that is used to report threats to unit health and efforts to mitigate the concerns. It also helps in managing all reports and data of the manufacturing plant in Sweeny, TX.

**Responsibilities:**

* Lead and developed the application in an AGILE environment by playing a crucial role in all phases of the software development cycle.
* Analyzed business, technical and system requirements to research and develop optimized solutions to meet client’s needs.
* Worked on development of a research project from Proof-Of-Concept to production.
* Created a BRD document according to the functional requirements.
* Developed the application using C# .NET and SQL Server for back end and Angular 5, Kendo UI for the User Interface.
* Extensively used Telerik Kendo UI for Angular controls such as Grid view, Charts(line, bar), Dropdowns(Dropdown list and multi select) to populate the records for the presentation layer.
* Used multi-threading for fetching data from Web Services using C#.
* Worked on the Data Access Layer with dataset and data adapter which interacts with the SQL Database.
* Database development using stored procedures, triggers and user defined functions for SQL server 2012.
* Created an auto-email notification module for the client to send automated updates as per user’s choice.
* Performing error handling, bug fixing, unit testing. (UNIT Testing framework used)
* Extensively used Generics, Lambda Expressions, Extension Methods, Linq to Sql, Linq to Objects.
* Developed RESTful Web Services in C# to be consumed by external interface developed using Angular and Kendo UI Control kit.
* Used Team Foundation Server Tool as code repository.
* Designed a Date Slider using ion-range-slider and JavaScript Dates.

**Environment: ASP.NET 4.6, C#, Entity Framework, Microsoft TFS, SQL Server  Management Studio 2012, SQL 2012, JavaScript, Bootstrap, Telerik kendo UI for Angular, JSON, Visual Studio 2017, VS code, IIS 8.0**

**Company: Sun Power, Austin, TX November 2016 – January 2018**

**Role: Sr. .NET Full Stack Developer**

**Sun Power** is the world’s largest firm developing solar power plants. Sun power’s dashboard application provides various modules for the users to check their power usage, monthly and yearly revenue. The application also provides a platform to support issues from user end as well.

**Responsibilities:**

* Involved in the **System Analysis & Design (Database, Business Layer & GUI)** for all the modules of the system. Used Web services to communicate with the business layer objects.
* Involved in Design, Development and Testing of Web Forms using IIS, ASP.NET, XML, dataset and **.NET Framework**. Used **inbuilt ASP.Net Login controls** to authenticate users.
* Built Master pages to create a consistent layout for all the pages in the application.
* Designed and developed Service Oriented Architecture (**SOA**) services using Web services, WCF in C# .NET.
* Developed **HTML** views with **CSS3** and **Angular2**.
* Executed **Dependency** **Injection** **Pattern** to reduce the dependency coupling between classes and in front-end using **Angular 2**.
* Used SQL profiler for troubleshooting, monitoring and optimization of **SQL** **server** and non-production database code as well as **T-SQL** code from developers and QA.
* Extracted large volumes of data and transformed it using **SSIS (SQL Server Integration Services).**
* Responsible for code merging using Microsoft **Team Foundation Server (TFS)** and for other source code maintenance records.
* Analyzed business, functional, and technical requirements to make sure project met expectations.
* Worked as a part of production team to analyze bugs from coding perspective and resolve issues through bug fixing or enhancement. Bug tracking system used is **Remedy Ticket system.**
* Collaborated with peer teams for review and analysis of system requirements.
* Maintained required architecture documentation.

**Environments:** .**NET 4.5, JavaScript, HTML5, CSS, MVC, Web API, C#, AngularJS /2.0, TFS, SSIS, SQL Server 2012, SQL/PL SQL, T-SQL, MSVS 2015.**

**Company: Adient, Southfield, MI June 2015 – Sept 2016**

**Role: .NET Full Stack Developer**

**Adient** is a global leader in manufacturing automotive seating. Performance production application (PPA) is an application that maintains all the statistical data of plants located across the world. PPA keeps track of the units that are manufactured every day, month and year.

**Responsibilities:**

* Created Business Logic Layer and Data Access Layer to implement the **MVC** Windows service architecture.
* Developed **MVC** application to maintain users profile, roles, Database access, document data corrections.
* Development of client-side validation techniques using **jQuery**.
* Developed core functionality with the **ASP.NET MVC framework** (C**#,** ADO.NET)
* Developed several reusable .**NET** user controls, custom controls and web parts.
* Expertise in composing the Event handlers in the component controller class to enhance the user interface by making the webpage more dynamic to user interactions.
* Created custom components and directives depending on the need of the application.
* Added Deep linking feature of routing to the application components view by using $routeProvider.
* Created Template driven forms and model driven forms with form builder.
* Implemented routing module for navigating between the component views.
* Created dynamic forms using model driven forms of **Angular**.
* Assisted in maintaining and updating of documents after the application and business changes occurred.
* ORACLE JOB is created to load data from **SQL** server into **ORACLE** database.
* Created FMT files (format files) components to parse the input raw files/ documents to load data into SQL server tables.

**Environments:** **Visual Studio 2012, C#, .NET 4.0, ASP.NET 4.0 Entity Framework,** **ASP.NET Web API, WCF, jQuery, AngularJS/2, PL/SQL, Oracle11g, JavaScript, IIS 8.0, TFS.**

**Company: General Motors, Detroit, MI Jan 2013 – May 2015**

**Role: .NET Developer**

**General Motors(GM)** is a multinational company that designs, manufactures and distributes vehicles and vehicle parts and sells financial services. The “Litigation Application” is a production management process which serves as a repository for electronic and digital documents and images. LSA supports the GM Legal Staff (GMLS) and its outside counsel firms in the discovery and re-discovery process. The modules within LSA stores, retrieve, view, categorize and produce documents.

**Responsibilities:**

* Developed the project using web forms. Used **C#.NET** for developing business layer logic for the application. Created Web Pages using Master Pages. The code behind is implemented in C#.NET.
* Programmed Data Access Layer using **ADO.NET** which involved in accessing data from the Database using Connected Architecture which requires the strong **OOPS** concepts.
* Used **Java Script, HTML, IIS and CSS** for developing Web Pages.
* Developed **Service Oriented Architecture (SOA)** that provided methods for system development and integration.
* Extensively involved in **User Interface** designing using **Web forms** and **Win forms**.
* Designed user interface screens and implementing / coding application logic under **Microsoft .NET** framework using C# to use .NET features that powered with CLR.
* Designed and Architected the Application using **MVC** and designed the application using responsive web design to work on different devices.
* Used **SCRUM methodology** to analyze and develop the system. Written module specific technical documentation. Created stored procedures, triggers, functions using **SQL Server 2012.**
* Generated reports in the application using **SSRS (SQL Server reporting services).**
* Created packages using Integration Services **(SSIS)** for data extraction from Flat Files, Excel Files.
* Managing and implementing all code changes via **GIT**. Deploying builds across development, staging and production instances and maintaining code integrity.
* Involved in the Coding, Debugging and configuring web servers as a team member.
* Used Site minder for user authentication for logging into the web application. Also, designed EULA page.
* Designed Software system considering application scalability, security, performance on Microsoft .Net platform. Also involved in training the user to explain different modules and usability of the application.
* Involved in Dev, Test, Staging and Production bug fixing and enhancements for various projects.

**Environments:** **ASP.NET MVC, C#, HTML, CSS, Angular JS, SQL Server 2008R2, SQL/PL SQL, T-SQL, MSVS 2010, SSRS**

**Company: EPAM systems, Newtown, PA** **Sep 2011 -Dec 2012**

**Role: Junior Software Developer**

**EPAM systems** is a software product development services and automation solutions firm. **Assured Guarantee** deals with the insurance policies and they were migrating the data from the legacy systems to SQL server. Our responsibility was to verify if the data was genuine and create a tool by developing web services and consuming these web services by creating the front-end application.

**Responsibilities:**

* Collaborated with the Research wing for application development that automatically retrieves massive amounts of data from different servers and compares it in record time to generate reports for data migration.
* Developed and consumed RESTful services and took sole responsibility of the application from conception to completion for 36 sprints.
* Redesigned Web Services by implementing Multi-threading concepts to improve the efficiency by 70%.
* Optimized, Remodeled and executed SQL queries, procedures and other database internals with Database team.
* Client-side and server-side validations were done using JavaScript and Validation Controls.
* Created Design documents, technical specifications – UML class diagrams.

**Environments**: **ASP.NET, C#, HTML, CSS, JavaScript, SQL Server 2008 R2, SQL, MSVS 2008, MySQL**

**Education:**

**Master’s in Computer Science – Central Michigan University - 2013**

**Bachelors from JNTU Hyderabad - 2011**