**Sonika Theegala**

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**Professional Summary:**

* .Net full stack developer having 12+years of experience as a Full stack Dot Net Developer. Hands on Experience in software design, analysis, development, testing and implementation of web apis and client-server applications using Microsoft Technologies
* Extensive knowledge and experience in designing, developing, and testing of Application using Angular, TypeScript, Visual Studio .Net, Visual C#, ASP.Net, ADO.Net, SQL Server, Web Forms, Windows Services, WPF, .Net Enterprise Serviced Components, Multithreading and Object-Oriented Programming.
* Skill applying development tools to create functional and fast-responsive web applications, using markup languages.
* Developed business logic using C# Core, VB.Net, ASP.NET MVC Core, ADO.NET, Rest Full Web API, WCF, ASP. Net-Web services, JSON, LINQ, Enterprise library, ADO.Net Entity Frame work.
* Designed the Front-End using Angular 6, PrimeNG, HTML 5, CSS, Bootstrap, Type Script, JavaScript, JQuery, AJAX.
* Building self-contained, reusable, and testable modules and components in Angular & PrimeNG
* Proficiency in Database Design, Normalization, writing stored procedures, and User Defined Functions.
* Knowledge of creating SQL Server Integration Services (SSIS) packages, and creating reports using SQL Server Reporting Services (SSRS).
* Experience in Implementing the Microsoft Azure platform for the building, managing applications and deploying web applications and create the Azure virtual machines
* Expertise in using ADO.NET features and worked extensively with Data Adapter, Dataset, Data reader as a part of ADO.NET to access and update database.
* Designed the Front-End using ReactJS, Redux, Angular 6,HTML 5, CSS, Bootstrap, Typescript, JavaScript, JQuery, WPF Controls, XAML, JavaScript & AJAX.
* Designed and developed database driven applications based on SQL Server using ADO.NET, LINQ and Entity Framework.
* Experience with using Version Control systems such as GitHub, Bitbucket.
* Excellent analytical, problem-solving and documentation skills and involved in the entire SDLC life cycle design and implementation.
* Experience in AWS Cloud platform and its features which include SQS, DynamoDB, Lambda, and S3
* Experience in working with .NET Core 5.0/6.0, C#, ASP.NET MVC 5.0, WEB API, .NET Framework technologies
* Initiated and participated in performance tuning activities and achieved good results. Resolved Critical issues during Support and was recognized as outstanding Performer.
* Have Basic knowledge of Azure deployment and management.
* Extensive experience in setting up the CI/CD pipelines using Jenkins, GitHub, and AWS.
* Proficient in RDBMS including MySQL and PostgreSQL, with a deep understanding of OOAD principles and messaging technologies.
* Modify and maintain existing systems for adaptation to business, and / or technology changes
* Overseeing a group of seven people to accomplish the desired objectives.
* Monitoring work progress and assisting team in achieving objectives
* Experience in developing N-Tier architecture using Data Access Layer (DAL), Business Logic Layer (BLL), Presentation Layer (PL), and Model View Controller (MVC).

**Technical Proficiencies:**

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| **Development Tools** | MS Visual Studio .NET 2012 to 2019, .NET, C#, VB.Net, ASP.NET, WCF, WPF, MVC, JSON, Entity Framework, LINQ, SSIS, SSRS, Angular CLI, |
| **Web** | Angular, HTML5, CSS3, Bootstrap 3, AngularJS, JavaScript, jQuery, Photoshop, XML |
| **Languages** | C#, C, C++, ASP.Net, ADO.Net, ASP.NET Web API, Web Services,VB |
| **Cloud Technologies** | Microsoft Azure (Azure Functions, Azure Logic Apps, etc.) AWS |
| **Version Controls** | SVN, TFS, GIT |
| **Scripting & Markup** | Typescript, JavaScript, HTML, CSS, XML, SSIS, JSON, PowerShell Script, Angular 11+, Node JS, Express JS |
| **Database:** | Sql Server 2000/2005/2008/20016, MS Access, SSRS |
| **3rd Party Tools** | Aspose, Kendo, Telerik, Automation Testing (Coded UI framework), Application Insights Azure. |
| **Other Technologies** | Camster, GIT, Bitbucket, Restful, Postman, Jira, Visual Studio, CD/CI Integration Basic, Azure Basics |

**Education:**

* MCA from Karnataka University.
* BSC from BBCIT (Bankatlal Badruka College for Information Technology)

**Professional Experience:**

**Kinetic, Dallas, TX Feb 2019 to Till Date**

**Role: Senior .Net Developer**

**Project:**

**Description:**

Kinetic web application is a custom combination of application such as Document Management, Product / Project Management, Change Management & Issues Tracking. Document Management application is an intuitive management system for document hosting, collaboration, resource sharing, file review and revision, and workflow publication. Product Management offer Templates to Start Every Product the Right Way. The software is used by teams to manage the lifecycle of a product from start to finish.  Change management application track an any change in product attributes & milestones dates with an approvals of change control board.

**Responsibilities:**

* Worked on Visual Studio 2019 Dot Net Framework to build web apis.
* Developed the business logic using ASP.net MVC Core, C#
* Designed and developed Front-End using, Angular 10, 12, PrimNG, HTML 5, CSS3.
* Worked on developing Dynamic web application (Product Management, Document Management) and reusable components using Angular & PrimeNG.
* Design, develop, & build modules using React & Redux consuming the payloads received from Web API Core
* Construct RESTful APIs to enable more adaptability in data format and satisfy a wide range of client demands
* Used InMemory Cache to improve performance by caching frequently used data
* Used Sqlserver and Entity Framework core for Insert, update, delete operations
* Developed complex T-Sql code using Stored Procedures
* Working knowledge of controllers, services, repositories, and custom directives.
* Developing high-quality software by adhering to global code standards
* Developed Custom Directives using Angular and Implemented Routing, Interceptor and Guards with the help of Angular Router Module.
* Worked on Azure batch/ Azure Web jobs for daily jobs in Azure pipeline servers
* Worked with Development and Test teams to create fully automated CI/CD Pipelines using AWS and Jenkins
* Created and hosted WCF Services with diﬀerent bindings to make it available to diﬀerent clients & XAML for WPF
* Involved in responsive design and developed a hybrid application that could be served to desktop, Tablets and mobile users using React JS.
* Implemented database solutions using MySQL and PostgreSQL, ensuring data integrity and security.
* Actively involved and developed the presentation using HTML5/CSS3 and Angular6
* Correcting errors, fixing bugs and carrying out unit testing for the current work Developed
* Uplifted the existing C# application into Angular application
* Code and version control were managed using Git and GitHub.
* Developed a service layer to keep database and MVC components separate.
* Basic knowledge on CI/CD pipelines setup so that each commit a developer makes will go through phase like build, test, production deployment
* Designed and implemented AWS CloudFormation templates for automated provisioning and management of resources.
* Utilized OOAD principles to analyze and design software systems, leading to more robust and scalable applications.
* Experience in using React components, Forms, Events, Keys, & Router, plus Redux, and Animations concepts.
* Analyzed and Fixed production issues by finding the root cause of the production issues

**Environment:** .Net 6, C# 6.0, Asp.Net MVC, WebAPI, Azure Functions, Azure Service Bus, LINQ, WCF, XML, angular 10, 12, PrimeNG, HTML5, CSS, jQuery, JSON, JavaScript, ADO.NET, IIS 7.0, Azure, WPF, AWS, Visual Studio 2019, ASP.NET MVC 5.0, Sqlserver Management studio 2017, GIT.

**dPix, Hyderabad, India Mar 2017 to Jan 2019**

**Role: .Net Developer**

**Project:**

**Description:**

Manufacturing execution systems (MES) are computerized systems used in manufacturing, to track and document the transformation of raw materials to finished goods. MES provides information that helps manufacturing decision makers understand how current conditions on the plant floor can be optimized to improve production output. MES works in real time to enable the control of multiple elements of the production process (e.g. inputs, personnel, machines and support services). MES is developed using third party tools like Camster, InSite gateway.

**Responsibilities:**

* Developed application using C#.Net and Ajax under Visual studio 2010 environment.
* Creation of Windows Services using C#.
* Involved in maintenance f the existing project on C# and developing the new requirements based on .Net technology.
* Requirements Study and Impact Analysis.
* Configured the web application to run in Windows Azure against SQL Azure using Azure Queues for background processing
* Simplification of XML data to use XSLT, XSD.
* Azure also includes support for Visual Studio, software development kits (SDKs) and blockchain
* Upgraded project from windows application to web application full implementation.
* Developing SSRS Reports and SSIS Packages.
* For reporting purpose use Tibco-Spotfire reports.
* Experience in using React components, Forms, Events, Keys, & Router, plus Redux, and Animations concepts
* Creating Design documents for the development tasks
* Setup Tibco Rendezvous for message bus.
* Worked on Angular Templates, directives, Routing and navigation, Components, Services, Pipes and Data Binding, Used Angular component-based architecture to integrate services to consume RESTful API's.
* Testing and Debugging
* Extensively used React JS, Bootstrap which includes a deep understanding of the DOM, JSON, object-oriented TypeScript
* Analyzing defects found during testing
* Resolving the defects in the Defect Tracking Tool (Fiddler)
* Used Dependency injection for injecting various Angular services to Angular Controllers to enable AJAX calls.
* Java Script for Client-side validations.
* Participating in all team reviews.
* Implemented Single sign on.

**Environment:** C#, Asp.Net MVC, WebAPI, LINQ, WCF, Jira, MES, ASP.NET MVC 5.0 ,SPC, Camster, Data Warehouse management HTML5, CSS, jQuery, JSON, JavaScript, Ajax, ADO.NET, IIS 7.0, Visual Studio 2015, Sqlserver Management studio 2014.

**SolSem India Pvt Ltd, Hyderabad, India. Jan 2015 to Feb 2017**

**Role: .Net Developer & Team Lead**

**Project: Consumer Devices– Forecast Management System(S&OP)**

**Description:**

The S&OP application can truly transform and mature your S&OP processes. All information is drawn from a single data model, allowing you to combine supply and demand planning, volume and mix planning, and long-term and short-term planning. With everyone working from the same data source, collaboration across multiple functions including demand planning, supply planning, finance, sales, and marketing occurs more naturally. And, process templates and task flows guide users through their specific activities and help ensure that all parties adhere to the timelines and dependencies associated with the cross-functional processes in S&OP. Various stages of the S&OP process can occur concurrently and continuously to improve the efficiency of the process and ensure the current S&OP plan reflects most recent decisions and developments.

**Responsibilities:**

* Interacted with business analysis, technical lead, team members for requirements and functional specifications and technical architecture.
* Create a brief technical specification documents according to verbal and written functional requirements and other requirements. Also wrote Design documents, Deployment documents and User Manuals.
* Created Model Classes and Controller Classes using ASP.net Core 2.0 Framework,
* Used GET, POST, PUT and Delete methods of Restful Web services using Asp.Net Core WebAPI
* Designed Front-End of Call Note Web Application using React js, HTML 5, CSS3, JavaScript ES 6
* Implemented Business Logic using N-Tier architecture and coded using C#
* Developed web forms in ASP.NET using C# as the code-behind language and LINQ as the SQL data consumer.
* Used ADO.NET objects such as Data Adapter, Data Reader, Dataset and Data List for reading/updating records in the database.
* Developed Multi-tier application with separation of Presentation layer, Business logic layer and data base layer.
* Developed User Interface of the application using C#.Net controls extensively. Used ASP.NET Web User Controls to write common UI Components.
* Developed accordion control with Data List controls, master pages and Ajax Controls.
* Developed modules for Authentication of a user, forgot password, Change password. Wrote business logic and created encryption/decryption methods for storage and retrieval of sensitive user data like password, email id, Client personal information etc.
* Working on enhancing and adding new features to Reacts UI components
* Worked on error handling and created error log section in which the support/admin will get the error message in a well formatted html view
* Involved in creation of complex stored procedures in MS SQL Server 2005.
* Worked on perform coding, unit testing, error handling, bug fixing, bug verification and created a error log.

**Environment:** C#, Visual Studio 2008, ASP .NET 3.5, C#, ADO.NET, SQL Server 2005, HTML, CSS, ASP.NET MVC 5.0 ,Dream viewer, JavaScript, Ajax

**SolSem India Pvt Ltd, Hyderabad, India. Apr 2013 to Dec 2014**

**Role: .Net Developer**

**Project: Factory Operations Management System**

**Description:**

FactoryPRO is a Manufacturing Execution System which will help the small and medium sized manufacturers to get 360-degree verification of parts, processes and process controls all across the shop floor with full control and coordination so that to Reduce waste, scrap, cost, inventory and overages, decrease downtime and many more Using 9 Powerful standalone modules.

**Responsibilities:**

* Involved in Requirement gathering and design document and developing the application.
* Developed web forms in ASP.NET using C# as the code-behind language and LINQ as the SQL data consumer.
* Designed and developed Master pages using C#, dream viewer and CSS
* Participated in design, development, rollout, support and enhancement phases of the project
* Used ADO.NET objects to store, manipulation and retrieve data from the Sql Server DB and database transaction were achieved through Data Set, Data View, Data Reader and SQL Data Adapter.
* Created various SQL server Store Procedures to retrieve, manipulation and save data to Sql server 2005.
* Developed Multi-tier application with separation of Presentation layer, Business logic layer and data base layer.
* Application Development Using SQL Server Database in Developing Stored Procedure, Views, Joins, Triggered and SSIS (SQL Server Integration Service).
* Developed User Interface of the application using C#.Net controls extensively. Used ASP.NET Web User Controls to write common UI Components.
* Developed accordion control with Data List controls, master pages and Ajax Controls.
* Hands on experience working with configurations files related to .Net Core 2.0 like appsettings.json, startup.cs, package.json
* Used JavaScript for client-side validations and validation ASP controls for server-side validations

**Environment:** C#, Visual Studio 2008, ASP .NET 3.5, C#, ADO.NET, SQL Server 2005, HTML, CSS, Dreamviewer, Javascript, Ajax

**Jyothi Computers, Hyderabad , India. July 2008 to June 2011**

**Role: Data Processing Consultant**

**Project: Andhra Pradesh Technology**

**Responsibilities:**

* Process and maintain the Data of government files.
* Demonstrated FTPS software to clients and executives.
* Application Lifecycle Management practices, tools and administration
* 5% Identify, execute, communicate and support process and system improvement ideas