# Shoban Babu

# Senior .NET Developer

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**Professional Summary:**

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# Senior programmer analyst with 10+ plus years of experience working as senior .Net Developer and extensive experience in cross - platform application development on .NET platform.

* .NET Developer with over 10 years of experience in software development life cycle (SDLC) involving Analysis, Design, Development, Testing, Implementation, and production Support.
* Experience in developing applications using ASP.NET MVC, ASP.NET Web Forms, Entity Framework and WEB API.
* Proficiency in designing and developing various web applications using ASP.Net, XML, HTML, CSS, JavaScript, jQuery, Angular JS, Angular 12/11/10/09, Web Services, Web API, Visual Studio, AZURE, SQL, Windows Services.
* Expertise in .NET with C# as code behind language.
* Experience working on scalable environment using agile methodologies such as SCRUM, Test driven development.
* Hands on experience on LINQ to SQL, Entity framework.
* Excellent understanding of OOP (Object Oriented Programming), ASP.NET, SQL Server, Oracle, Web API, WCF and Web services (SOAP, WSDL).
* Having good knowledge on new technologies like WCF, LINQ, MVC.
* Having knowledge of SOA using WCF services (Security, transaction etc).
* Extensive expertise in JavaScript.
* Experience in using Model-View-Controller (MVC) frameworks for developing web applications.
* Experience in building .Net core and integrating applications in Azure Cloud Service ,Cloud using AWS, CI/CD,
* Extensively worked with ADO.NET to access and update database.
* Extensively worked in Extracting, Transforming and Loading (ETL) data from SQL Server, flat file and excel using SSIS.
* Created and maintained fully automated CI/CD pipelines for code deployment using Jenkins and AWS Developer Tools
* Experienced in generating reports using Crystal reports.
* Experience in user requirement gathering, requirements specifications preparation, analysis, design and implementation of enterprise level Windows and Web based applications.
* Possess good knowledge and experience of web applications utilizing .Net and Java
* Uses TFS for picking up the User Story for new developments, review comments made by Business Owners or Analyst and assigned User Story for fixing the issues.
* Actively participate in daily Scrum call and giving inputs as per the changes in requirements.

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# TECHNICAL SKILLS:

**Programming Languages:** VB.Net, C#.NET, XML, HTML, CSS, T-SQL, PL/SQL, JavaScript, JSON

**Web Technologies:** ASP.NET, MVC 5/4.0/3.5, NET 2.0/3.0/3.5/4.0/4.5/4.6, ADO.Net, HTML, WCF,

 MSMQ, WPF, Web Services, N Service Bus, WCF, WPF, Ajax, XML, SOAP, REST, Web, API, HTML5, CSS, CSS3, LINQ, Entity Framework, Typescript,

 Angular JS 12/11/10/09/06.

**Web & App Server:** Internet Information Services (IIS), Visual Studio.Net, Microsoft, Windows

**Markup Languages:** HTML, DHTML, XML, XAML

**.NET Versions:** .NET Core, .Net Framework (1X, 2x, 3x, 4x), ADO.NET.

**Software Engineering:** SDLC, STLC, UML, Agile Programming

**Database Development:** SQL, Oracle, PL/SQL, ETL, My SQL, Active Directory, T-SQL, DTS, TOAD, MS- Access 2013, MongoDB

**XML:** XML, XSL, XSLT, XSD, SOAP, WSDL

**Development Tools:** Visual Studio Code, MS Visual-Studio 2017/2015/2013/2012/2010/2008

**Reporting Tools:** SSIS, SSAS, SSRS

**Version Control:** Visual Source Safe (VSS), SVN, CVS, GIT

**Education**

* Ph.D - Computer Science and Engineering 2021, Kalinga University, Raipur, India
* M.Tech - Computer Science and Engineering 2006 with Distinction, Allahabad Agricultural Institute(Deemed University), Allahabad, India
* MCA - Computer Science 1998 with Distinction, Osmania University, Hyderabad, India
* BSc - Computer Science 1995 with Distinction, Kakatiya University, Warangal, India

# Professional Experience:

# Oncor (Remote) Jan 2022 to till date

# Senior .NET Developer

# Responsibilities:

# Involved in the full Life Cycle of the project including Architecture, Analysis Design, Development, Debugging, Testing and Deployment.

# Worked in AGILE SCRUM environment regularly attending the Status Meetings and updating status to Scrum Master and involved in Code Review meetings, Implementing User Stories.

# Responsible for designing the ASP.NET application Authentication using .NET Framework, Model View Controller (MVC) and IIS 7.5 security model.

# Experience with strongly typed view models and helpers and partial views using ASP.NET, Angular 12/11/10/9, React JS, Typescript, MVC, HTML5, CSS 3, jQuery, C #, Visual Studio.

# Responsible for Designing and Developing the Reusable UI Components Like MVC Master Pages ‘Layouts and Nested Layouts’, ‘View Start’ and MVC User Controls ‘Partial Views’.

# Used ASP.NET MVC Page Controller pattern to add functionality to individual pages such that to accept input from the page request, invoke the requested actions.

# Experience in working with JavaScript Frameworks like Angular JS, which simplifies JavaScript object bindings with HTML Elements and client server communications.

# Implemented AJAX functionality using Angular JS to load contents individually in different partial views to minimize loading time and for better user experience.

# Implemented Data Grid / tables using Bootstrap and Angular JS for front-end client facing of the Single Page Application (SPA).

# Implemented the Entity Framework Code First Approach to interact with Database and also implemented the Mappings, Model Changes, CRUD operations and dealt with performance issues.

# Consumed Restful Web Services with Angular JS updating the Model and Views of the application.

# Implemented WEB API Services for CRUD operations with HTTP verbs GET, POST, PUT and DELETE.

# Worked on all the required Stored Procedures, User Defined Functions, Triggers, and Views using T-SQL as per business logic.

# Performed T-SQL tuning & optimization of queries for reports that took longer execution time uses MS SQL Profiler, Index Tuning Wizard and SQL Query.

# Wrote complex T-SQL queries for data extraction, loading the Data in RDB (Relational Database) Landing through SSIS Packages.

# Development and Deployment using Power Shell Scripts using Azure.

# Used various report items like tables, sub report and charts to develop the reports in SSIS, SSRS (SQL Server Reporting Service).

# Involved in Debugging and supporting the application

# Environment: .NET Core, Visual Studio 2019/2017/2013/2012, C#, .NET 4.5/4.0/3.5.3.0.2.0, MS SQL Server 2019/2014/2012/2008, ASP.Net MVC 5.0/4.0, Entity Framework 6.0/5/4.3, Web API, Angular JS 12/11/10/9, React JS, AJAX, Bootstrap, AZURE, Power Shell, VB.net, JavaScript, Typescript, HTML,DHTML, XHTML, REST Web Services, LINQ, SQL Server .

**Kenexcel Software Private Limited, Warangal, India from May 2015 to Nov 2021**

# Projects Handled:

**Client: Ebiznet Solutions Pvt. Ltd., India Sep 2020 to Nov 2021**

**Role: Senior .net Developer**

# Responsibilities:

* Participated in full software development lifecycle (SDLC) with agile methodology.
* Developed application as N-tier application with UI in the presentation layer using ASP.NET MVC, business logic in the middle layer using C# and data service activities in the backend using SQL Server 2014.
* Created and maintained various DevOps related tools for the team such as provisioning scripts, deployment tools, and development and staging environments on AWS, Rack Space and Cloud.
* Wrote Vagrant Scripts to spin up servers on the Developer workstations and in AWS.
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS Cloud Watch.
* Maintained enterprise applications leverage database schemes to created flexible architecture.
* Designed REST/ HTTP, SOAP APIs, including JSON data formats and API version strategy.
* Used Web API to build HTTP web services for building Restful applications.
* Used Angular 4 and .NET CORE, MVC 5 development framework to build a single-page application.
* Developed system services SOA application platform for use by all applications utilizing WCF services and
* SOAP, XML Web Services the ASP.Net, C# provider model.
* Developed custom, interactive dashboards to present large data sets from custom Restful .NET CORE WebAPI.
* Implements a CI/CD pipeline using Azure in both cloud and on-premises with GIT, Docker with Jenkins plugins.
* Involved in tracing all XML Request and Response messages of WCF Web Services to resolve the errors and re-queue it via Windows Service Job.
* Worked with ASP.NET MVC 5.0, Partial Views, and Master Pages and developed Cascading style sheets (CSS 3) for consistent look and feel of the website.
* Designed the responsive layout of the Website, Modal Login Page by using Bootstrap.
* Worked on Database First approach for the MVC and Entity Framework for designing the models.
* Involved in Object-relational mapping (ORM) for programming technique for converting data between in compatible type systems in object-oriented programming languages.
* Used LINQ to SQL to retrieve and manipulate data from a SQL Server database.
* Used Angular JS Dependency Injections to inject objects into a class, instead of relying on the class to create the object itself.
* Worked on creating CI/CD pipelines for all the Customer Facing Websites using GIT and VSTS.
* Used JQuery for movement impacts to symbols, and page format.
* Created SSIS package to load Fee Schedules into IEHP.
* Used Microsoft Visio to develop activity diagrams, flowcharts, sequence diagrams, and Data flow diagrams to prepare the technical design documents for the use cases.
* Writing NUnit test methods for each method created in the business layer and executes the NUnit methods during build moves to other environments.
* Used TFS for code reviews, review comments and assigning those back to the respective developer in TF

**Environment:** .NET Framework 4.5, Visual Studio 2015, ASP.NET MVC 5.0, MVC Core, Unity Framework, C# (6.0).NET,WCF, Azure, Web API, MVVM, Restful, JSON, .Net Core, SOAP UI, Docker, Angular JS, AWS, Angular 2/4, React JS, Java Script, NodeJS, JQuery, HTML5, CSS 3, Bootstrap, AJAX, T-SQL, SQL Server 2014, Jira, Entity Framework 6.x, LINQ, TFS, IIS, NUnit.

# Client: Hallmark (Einstein II), Hyderabad, India Jan 2018 – August 2020

**Role: .Net Developer**

Einstein II is a hospital’s innovative approach to workforce optimization and labor scheduling. The system uses its built-in artificial intelligence to integrate scheduling for internal and external resources. This ensures that the best and cost-effective resource is used to fill each work sessions. For the employees, proactive scheduling in Einstein II helps ensure that each shift is optimally staffed thus increasing staff morale and patient satisfaction.

# Responsibilities:

* Used ASP.NET Master Pages, jQuery, HTML and CSS for designing UI.
* Used Forms Authentication to validate the authenticity of the users.
* Worked on MVC Framework and ADO.NET Entity model.
* Used WCF to develop an Admin service that provides the capability to perform all configuration activities.
* Developed WCF Services using Representational State Transfer (REST) style to suffice the non-SOAP based requests.
* Written SQL Scripts, Stored procedures and functions.
* Designed numerous GUI screens/Win forms/WPF for user interface.
* Generated various reports using SSRS.
* Involved in development of Web Forms, Classes using C#.NET that incorporates both N-tier architecture and database connectivity.
* Worked on different aspects of.NET framework, like ASP.NET, ADO.NET and C#.
* Involved in designing of User Interface with CSS, HTML, and DHTML.
* Application was developed under ASP.NET MVC architecture. Used AJAX Library, CSS, Java Script and various web controls to present data to users in a much comfortable environment.
* Used various ASP.NET web server controls that included Site Map Path, Menu, Tree View, Grid View and
* Details View to develop web forms.
* Used AJAX to trade data with a web server, without reloading the page.
* Created event driven Web Forms using ASP.NET and implemented form validation.
* Used SOAP to Implement Web Services and Consumed and published XML web services in the application.
* Developed using Web services, WEB API for exposing web services, SOAP and used IIS (Internet information services).
* Have used design patterns such as Unit of Work, Observer Pattern (UI), Facade Pattern, MVC Pattern (Back end)
* Developed SQL Server Stored Procedures and functions for Encrypting user-names, passwords, reading and updating appointments, searching provider networks and locations etc.
* Used GIT for version control to track check-ins and rollback code.
* Developed custom reports using SSRS.

**Environment:** C#, ASP.NET, ADO.NET,VB.NET, MVC, WCF, SQL Server, SSRS, Web services, Silver light, WPF, WCF, Angular JS, Entity Framework, JQuery, AJAX, Power Shell, Java Script, Win forms, JQuery, AJAX, HTML,XSLT, REST, JSON, CSS, Oracle 10g, GIT, SOAP.

# Brown Palms, Chennai, India. May 2015 – Dec 2017

**Role: .NET Developer**

# Roles &Responsibilities:

* Involved in requirements capture, design and development of the software exercising OOAD techniques.
* Designed and developed various Web Forms using HTML, JavaScript and AJAX toolkit.
* Used ASP.NET validation control for the server side validation.
* Developed Business Logic components in middle tier using C#. Wrote classes to implement Business rules and algorithms.
* Involved in design of scalable modules for supporting multiple locations and organizations with varying requirements.
* Developed check-in and check-out procedures for different user levels.
* Designed and implemented security modules for different user levels for data access and updates.
* Participated in the development of event planner and Alert handling system. Used color codes to identify priority and follow-up of events and alerts.
* Developed a messenger system to facilitate communication in C#, JavaScript and ASP.NET.
* Wrote stored procedures for account management and authorizing.

**Environment:** C#, SQL Server, ADO.NET, AJAX toolkit, ASP.NET, JavaScript, Validation control, HTML, CSS, XML, MS Visual Studio 2008, MVC, WPF, WCF

**InfoTech, India Feb 2012 – April 2015**

**.NET Developer**

**Roles and Responsibilities:**

* Involved in all the phases of the Software Development Life Cycle(SDLC) of the project such as System study, Analysis, Documentation, Implementation and Customer support.
* Created dynamic ASPX web pages using ASP.NET 4.5 with C#.NET as code behind.
* Used ADO.NET extensively for retrieving, querying, storage, and data manipulation.
* Created flexible, user interactive and user-friendly Web Forms using AJAX, HTML and Java Script.
* Used Web Services for creating rate summary and used WSDL and SOAP messages. Also Developed and consumed REST base web services.
* Worked on ASP.Net MVC asynchronous request processing implementation and used structure map for dependency injection.
* Extensively used MVC architecture for the Web application design to have the application layers loosely coupled
* Used XML for data storing and retrieval using Xml Reader, Xml Writer, XSL, and X Path.
* Expertise in web development and related software HTML5, CSS.
* Used Master Pages and Themes to achieve uniform template design for the entire application.
* Used Agile (Scrum) Methodology for rapid and more disciplined development during implementation.
* Developed the application using HTML5, CSS3, JavaScript, JQuery
* Used WPF in creating different animated scenes using the combination of transforms, animation controls and color effects.
* Created an application in WPF that generates Silver light Class library by taking XML file as an input.
* Used Windows Communication Foundation (WCF) Service for Business Logic Layer
* Made effective use of Data Adapter and Data Reader objects in ADO.NET.
* Implemented data editing, filtering, sorting, paging in Grid View controls.

**Environment:** ASP.NET, C#.Net, MVC 3.0, Object Oriented Methodologies, Visual Studio 2012 &2010, SQL Server 2012, Oracle 11g, ADO.NET, .NET Framework 4.5, AJAX, XML, JavaScript, CSS, Web Service, LINQ, IIS 7.0, n-tier architecture, Entity Framework