**BhavaniPrasad**

**Sr. Full Stack .Net Developer**

**Bhavaniprasad.net@gmail.com +1 (973) 874-4288**

### Professional Summary

* Around 5+ years of IT experience in all phases of **SDLC** (Software Development Life Cycle) such as planning, analysis, design, implementation, testing and maintenance of Web Based, Client-Server and N-tier Architectures.
* Proficient in developing Client/Server applications in 3-tier and N-tier Architecture and managing websites.
* Experience in Microsoft DOT NET Technologies using Visual Studio. **NET, C#. NET, ASP. NET, ASP.NET Core Web API, MVC, WPF/WinForms,** **Entity Framework, ADO. NET, WCF, Web Services,** **SOA** and **REST**.
* Expertise knowledge on **Object Oriented Programming** (OOPS) Concepts including Inheritance, Abstraction, Encapsulation and Polymorphism, good experience in Exception Handling, Debugging and Tracing concepts.
* Experience in Application Design, development and maintenance of web, Windows &Client-Server Applications Using Microsoft Dot Net Technologies VB.NET, WPF, ASP.NET, ASP.NET-MVC, C#, Web Services (4.0).
* Hands-on experience in Developing window applications, web applications and programming with C#.NET, ADO.NET, ASP.NET, JavaScript, AJAX, jQuery and **Angular**, by using .Net and .Net Core.
* Extensive Knowledge on Solid Design Patterns including Dependency Injection (DI), Inversion of Control (IOC), Singleton, **MVVM** and **MVC**.
* Experience in utilizing UNIT testing framework and followed Test Driven Development (TDD) to develop the Web applications for verifying the code integrity.
* Created a RESTful Web API in .Net Core using Swagger and used Entity Framework to create entities in Data Access Layer.
* Experience in Setting up the build and deployment automation for Terraform scripts using Jenkins.
* Experience using Microsoft Visual Studio to create Windows Form Applications (VB.Net and WPF) Console Applications, Class Libraries, ASP.NET projects and Web Sites.
* Experience in React-Router to turn application into Single Page Application.
* Experience in dealing with Windows Azure IAAS - Virtual Networks, Virtual Machines, and Cloud Services.
* Experience in AWS cloud platform and its features including**IAM, EC2**, **VPC**, **Cloud Formation** AWS Configuration, **Autoscaling**, **Cloud Front, S3, SQS, Lambda** and **Route53.**
* Experience in Micro Services Architecture based services interacting through a combination of REST API’s and Leveraging AWS build, test and deploy identity microservices.
* Involving in all stages of SDLC including designing, coding, testing, and implementing the application following Scrum (Agile) methodology with SCRUM and Kanban.
* Extensive knowledge in web Designing and Development of user interfaces using HTML, HTML5, XHTML, CSS, CSS3, Bootstrap, JavaScript, jQuery.
* Great knowledge on building different database objects that includes tables, procedures, functions, views and also worked on fine tuning the SQLs Queries for the better performance.
* Strong expertise in creating complex **stored procedures, triggers, views, and functions using MS SQL and ORACLE Server**.
* Involved in fine tuning the performances like Application system, Memory and CPU usages.
* Strong Experience in Project management tools like Jira and other Scrum tools.
* Strong working experience in version controls TFS **and GitHub**.
* Experience with parallel releases and multiple branches using GIT.
* Successfully handled projects for diverse functional and operational areas including Health Care, Asset Management, Industrial Automation and Energy Utilities.

### Technical Skills

|  |  |
| --- | --- |
| **Development Tool (IDE)** | Visual Studio 2017/2015/2013/2010/2008 |
| **Programming Languages** | .NET Core, ASP.NET 4.5/4.0/3.5/3.0/2.0, ASP.NET Web Forms, Web-Service, Win Forms, WPF, Microsoft .NET Entity Framework 6.0/5.0/4.0/3.0/2.0, ADO.NET, ASP.NET MVC 5.0/4.0/3.0, WPF, Web API. |
| **JS Framework** | ssis 6/7/8 |
| **Web Technologies** | ASP.NET, AWS, HTML/DHTML, CSS, XML, JSON, JavaScript, JQuery, ASP.Net Ajax 3.0/2.0 |
| **Databases** | MS SQL Server 2014/2012/2008/2005, MS Access 2010/2007 and oracle 19g/11g/10g, RDBMS, NO SQL |
| **Middleware** | REST API, WCF, Web Services and ADO.NET 4.0/3.5/3.0/2.0, |
| **Configuration & Version Control Tools** | Visual Source Safe -VSS, Team Foundation Server-TFS, GIT, Bitbucket, JIRA |
| **Reporting /ETL Tool** | SQL Server Reporting Services (SSRS 2008/2005), Crystal Reports, RDLC. Informatica ETL. |
| **Modeling Tools** | UML, MS Visio 2010/2007 |
| **Operating Systems** | MS Windows 2019, 2008 R2, Windows NT 4.0, XP, Windows 7, 10. and Linux, Windows Server 2012/2008/2003 |
| **Microsoft Internet Information Services** | Microsoft IIS (8.0/7.0/6.0/5.0/4.0) |
| **Bug Tracking** | TFS, JIRA, Mantis 1.0.8, Fug Buzz, Bugzilla |
| **Deployment Tools** | TFS, Jenkins, Azure, Devops |
| **Agile** | Scrum, Kanban |

### PROFESSIONAL EXPERIENCE

**eviCore healthcare,** **Chicago, IL Aug 2021 – Present**

**Full Stack .Net Developer**

**Responsibilities:**

* Played key role in feature implementation and enhancement, code refactoring and bug fixing.
* Participated in UI design with Master Pages in **MVC** 5 and improved layout with **HTML5**, **Bootstrap**, **Boot watch** and **CSS**.
* Consumed **SOAP APIs** from enterprise customer system and **RESTful APIs** provided by other applications in the portfolio, also created W&C RESTful APIs.
* Developed **ASP.NET Core Web API** based on business requirements and specifications.
* Used **Angular** and **Typescript** to develop templates, controllers, and directives for UI development.
* Worked on **SSIS** and built reports with SSRS and deployed using **azure** devops.
* Build and maintain code repositories and code migrations using CI/CD strategies (GIT).
* Experience with **CI CD** pipelines to integrate the .net code to align with DevOps.
* Participated in end-to-end development from developing **Angular** components for the web application using typescript, **UI** design using **HTML** and **CSS**.
* Enhanced application performance by Angular Component based development in view of future Angular.
* Strong understanding and experienced with all the phases of **SDLC and agile development methodologies** including **SCRUM**, involved in daily SCRUM meetings to keep track of the Ongoing project status and issues using JIRA.
* Implemented JWT token authentication to secure the ASP .NET Core Web API and provide authorization to different users.
* Involved in complete application stack in Azure like VM, Deployment, Cloud Monitoring for System Health checks.
* 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’.
* Involved in system design and specification development, program logic and flow-charting, testing, debugging, and documentation.
* Implemented the Agile and Sprint Methodologies and participated in Scrum ceremonies.
* Conducted user testing and gathered feedback to ensure that the website met the needs of TIAA customers and provided a positive user experience.
* Implemented REST APIs with azure service fabric stateless Microservices using ASP.NET Core.
* Worked with Microsoft Azure Service Fabric which makes it easy to package, deploy, and manage scalable and reliable microservices and containers.
* Migrated the application to the AWS cloud, ensuring minimal downtime and data loss.
* Implemented infrastructure as code (IaC) using tools like AWS CloudFormation to automate the deployment of cloud resources.
* Written automation scripts for creating resources in OpenStack cloud using Python and terraform modules.
* Used the database first approach with the Entity Framework to generate models and the dB context.
* Taking end-to-end responsibility for the designing and ensuring high-quality delivery of multiple customized modules and components developed.
* Heavily involved in code review, build and deployment with **GIT**, **Jenkins, and Azure**
* Involved in Debugging and Supporting the application and Performed **Unit Testing** (using **N-Unit**and **MS-Unit).**
* Deployed the build artifacts to the environments like QA, UAT according to the build life cycle.
* Involved in creation of the user defined applications, database classes, procedures and user controls.

**Environment**: .NET Framework 4.6, Visual Studio 2018, C# 5.0, ASP.NET 4.5, MVC 5.0, Asp.net core 5.0, Web API, SQL Server 2014, HTML5, CSS3, JavaScript, Entity Framework, Typescript, Angular, IIS 7, LINQ, SSIS, SSRS, Git, Agile, Bitbucket, GIT, Jenkins, Azure.

**Client: TxDot, Austin TX May 2020- Aug 2021**

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

**Responsibilities:**

* Participated in various stages of software development life cycle (SDLC), analysis, design, development, and maintenance.
* Designed and developed new features for the application using C# within .NET framework.
* Successfully developed web applications using C#.NET, MVC, Web API through IDE visual Studio 2019 and SQL Server Management Studio for retrieving backend data.
* Created the backend database tables, views, functions and store procedures based on the application requirements.
* Working on Azure for highly available customer facing B2B and B2C applications.
* Involved in development of data access, business and application layer using LINQ, C#.NET and Asp.NET. Designed, developed, and enhanced the application in.NET Core 3.0
* Utilized Angular9inbuilt directives for implementation also implemented costumed directives for the ones that are not available.
* Developed web pages using ASP.NET MVC 5, Entity Framework 6, C#, HTML5, Bootstrap, CSS3, JavaScript, jQuery, Angular 6/7, SQL Server 2016, LINQ, XML and SQL Server Reporting Services (SSRS).
* Developed custom controls such as tree-view, splitters, grid, file processor, dropdowns, and dashboard widgets.
* Built solid micro services architecture using .NET core platform.
* Implemented ASP.NET MVC strongly typed views, partial views, and attribute routing.
* Used Ajax, and JSON to post data from the client side to the database.
* Fixed issues on the legacy applications which were developed using VB6 components.
* Used Reflection in C# to invoke the methods dynamically.
* Developed the business layer with LINQ to Objects and LINQ to SQL.
* Implemented the rest API’s by using ASP.NET Web API 2.0.
* Configured and Build IIS Web sites.
* Installed and configured SSL certificates.
* Developed Windows service by using C# and Top Shelf.
* Worked on IIS 6.0/7.0 installing, configurations, integrations with ASP.NET, .Net Framework 2.0,3.0 3.5 Configuration.
* Created a repository and Unity of work patterns for accessing the database objects.
* Used SOLID principles for designing the applications.
* Worked on creating the stored procedures at various needs of the application.
* Used Team Foundation Server (TFS) for the version control for check-in, branch merging and creating build definitions.
* Environment: .NET Framework 4.6.2, C#.NET, ASP.NET, ASP.NET MVC 5.0, web API’S, Agile (scrum), SQL Server 2017, Visual studio Code, Angular 8/9, Visual Studio 2017, Power Shell, Team Foundation Server
* Server 2008R2 and 2012

**DXC Technology, Ashburn, Virginia Jan 2019 – May 2020  
Software Developer**

**Responsibilities**:

* Developed and designed Hybrid-Single Page Application using **C#, .NET Framework 4.0, ASP.NET MVC 5, and Angular**
* Security testing and vulnerability scanning integrated into the CI/CD pipeline.
* Participated in UI design with Master Pages in **MVC** 5 and improved layout with HTML5, Bootstrap, and CSS3.
* Implemented XML Web Services in C# based on SOAP protocols using XML and XSLT extensively for data transfers.
* Containerized MPGS application with orchestration using Kubernetes.
* Used Angular and JavaScript to develop templates, controllers, and directives.
* The integrated environment Visual Studio.NET 2012 was used for developing the complete application based on the MVC pattern Developed the application as a three-tier application with UI in the presentation layer, Business logic in the middle layer using C# and Database activity in the backend.
* Developed web applications using ASP.NET, MVC, HTML5, JavaScript, AJAX, Angular and CSS which provide data visualization to users.
* Security and compliance requirements met by implementing o security best practices and compliance frameworks such as PCI DSS and HIPAA.
* Expertise in implementation of Windows Communication Foundation (WCF), Web API, and Web Services.
* Client and server-side validations using MVC, JavaScript and Validation Controls and performing the tasks related Database issues.
* Built a healthcare provider directory using Sitecore's search functionality and integrated it with third-party data sources to ensure accuracy and completeness.
* Collaborated with key stakeholders such as TIAA project sponsor, Sitecore development team, healthcare content providers, compliance and security experts, and quality assurance team to ensure successful project delivery.
* Developed client-side validation through Angular and dynamic UI.
* Build Data Sync job on Windows Azure to synchronize data from SQL 2012 databases to SQL Azure.
* Created Azure Event Hubs for Application instrumentation and for User experience or workflow processing.
* Worked in Software Configuration Management, setting up company Version policies utilizing Team Foundation Server (TFS).
* Designed and developed a healthcare website using Sitecore as the content management system, providing easy access to health and wellness resources.
* Designed and Developed Microservice's for the business components using .NET framework.
* Successful implementation of OpenText Content Suite as Mastercard's enterprise-wide records management system.
* Enabled the company to streamline its records management processes.
* Provided ongoing support and maintenance for the OpenText Extended ECM implementation, including troubleshooting, bug fixes, and upgrades.

**Environment**: Asp.Net, C#.Net, LINQ, ASP Chart Controls, jQuery, AJAX, SSRS Reports, JavaScript, SQL Server 2012 and Web services, dependency injection, IOC Using unity container, AOP using Post sharp, Rhino Mocks, Test driven Development (TDD) / Behavior driven development (BDD) using Spec flow, Custom Lazy loading, Angular

**Education:** Masters at Rivier University.