Venkata NB

Cell phone: (775)-583-5617 | *Email: meetbvnb@gmail.com* | *Location: Chesterfield, MO*

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PROFESSIONAL SUMMARY:

- 12+ years of experience of designing and developing software applications with the **.Net Core,C#.NET, ASP.NET Web Forms, ASP.NET MVC, ADO.NET, WEBAPI,AJAX, WPF, WCF, Web Services, SOAP,RESTFUL Services, Entity Framework, Angular, Node.js, React.js, TypeScript ,HTML4/5, BOOTSTRAP,CSS, JQuery, and SPA.**
- Efficiently delivered various projects in multiple domains like MES,US Public Healthcare, Motor Insurance, Airline, Toll Payment Gateways, Payrolls Processing and Media and broadcast for top global clients.
- Extensive experience in the IT Professional with all phases of Software Development Life Cycle process (SDLC) involving, Requirements, Analysis, Design, Development, Integration, Deployment, Testing and Implementation of Client/Server apps using AGILE methodologies with Microsoft .NET and have experience in client management, product development & Support. Strong soft skills and experience in Object-Oriented Programming.
- Experienced with Agile software development methodology, Test-Driven Development (TDD), Unit Testing best practices, Test Automation, and Pair Programming within the SCRUM framework.
- Expertise in ASP.NET MVC, specializing in features like Views, Partial Views, Strongly Typed Views, Sections, Areas, and the implementation of Controllers, Controller Actions, Filters, and Routing.
- Expertise in designing Angular components like modules, controllers, directives, filters, services, and components, building a Model-View-Controller (MVC) architecture for web applications using TypeScript.
- Proficient in Angular, utilizing custom directives to develop reusable components and templates that enhance code efficiency and reusability.
- Well-versed in the latest industry trends in UI design, responsive web design, Bootstrap, and SASS, creating user-friendly and aesthetically pleasing interfaces.
- Extensive experience with ORM technologies, including Entity Framework Database Model First and Code First approaches, and a strong focus on performance tuning within Entity Framework.
- Proficient in designing and implementing services using WebAPI, REST, SOAP, and creating REST services using ASP.NET Web API.
- Extensive experience in web services and REST API testing using tools like SoapUI, Rest, Restful API, Swagger, and Postman, ensuring the reliability and performance of APIs.
- Seasoned in various roles, including DevOps, Cloud Engineer, Build and Release Engineer, with a strong track record in software integration, configuration, packaging, building, automation, and efficient code release across different environments.
- Proficient in setting up CI/CD pipelines using a range of tools such as Jenkins, Bitbucket, SonarQube, Nexus, Slack, Azure DevOps, and code pipeline to streamline the development process.
- Proficient in creating Use Case specifications for Service-Oriented Architecture (SOA) services.Expertise in implementing SOA using WCF technology, involving the development and consumption of WCF services with features like versioning, security, optimization, and reliability.
- Proficient in generating resource XAML files using WPF forms, data binding, dependency properties, WPF data templates, and control templates.
- Utilized C# to create automated test scripts in Selenium web browser.
- Proficient in writing SQL Server stored procedures, functions, views, triggers, and handling database administrative tasks such as backup, restore, and SQL profiling.
- Experienced in using Source Code Control Systems, including MS Visual Source Safe (VSS), Team Foundation Server (TFS), Git, GitHub, Bitbucket, and Subversion.
- Utilized tools like Splunk for error logging, and possess a strong understanding of Bitbucket and CI/CD tools.
- Proficient in working with architectural patterns like MVC and MVVM to design robust and scalable applications.
- Created diverse SSIS packages to efficiently load data from external sources such as Oracle, flat files, and CSV files into new environments.

- Strong communication, interpersonal, troubleshooting, team building, and leadership skills. Exceptional analytical and quick-learning abilities to grasp new concepts, applications, and technologies effectively, both independently and within a team.

TECHNICAL SKILLS:

.NET Technologies	.Net Core, Web API, .NET Framework, ASP.NET, ADO.Net, WPF, WCF, MVC
Languages	C#. NET, LINQ, Entity Framework, TypeScript, JavaScript, AJAX, VBScript, jQuery, Angular, Node.js, React.js
Development Environment	Visual Studio, Visual Studio code
Web Technologies	HTML,CSS, REST,SOAP, WSDL, UDDI, XML Web Services, Bootstrap, XML, XSLT, XPATH, XSL.
Database	MS SQL Server 2017/2019, Oracle 9i/10g/11g, Mongo DB,MS Access, VSAM PL/SQL, T-SQL, Query Optimization, Stored Procedures, Triggers, Database normalization, Functions.
Web / Application Server	IIS, Kestral, Nginx
Operating System	Windows, Linux, Mac
Reporting Tools	SQL Server Reporting Services (SSRS), SSIS, Crystal Reports
Version Control Tools	GIT,TFS,SVN,CVS, Bit Bucket, Azure DevOps
Other Tools	UML,Jira,Microsoft Visio, Exact Target, ALM, BMC Remedy, AWS, SharePoint
Gainwell/DXC/HPE/HP Inc tools	PPMC, ALM, iTrace, RTrace, Quality Center, Fortify, BAC, BPM, interchange UI, HealthCare,Provider Portal.

EDUCATION QUALIFICATION: -

Bachelor of Engineering in **Computer Science** from Madras University, Chennai - 2004

Diploma in **Computer Science** from V.K.R & V.N.B Polytechnic College, Gudivada -1998

CERTIFICATION:
- Certified in ITILV3 foundation (ITIL)
- Certified in Microsoft SharePoint 2010, Application Development
- Certified in Microsoft Professional .Net Application Development.

PROFESSIONAL EXPERIENCE:

Ohio Turnpike Infrastructure Corporation   **Berea, Ohio**   **04/2023 – Present**
.Net Lead Developer
Responsibilities:
- Utilized Jira and Azure to meticulously track all project-related activities, manage resource allocation, and adapt software according to client needs. Following Agile methodologies, actively participated in Daily Scrum, Sprint Planning, Application Integration, and Retrospective meetings to ensure effective project coordination.
- Gained a comprehensive understanding of client requirements and ensured that developed applications aligned with those requirements. This involved active participation in Jira and Azure to manage work tasks, user stories, and bug tracking on a day-to-day basis.
- Translated designs into code using Angular, TypeScript, jQuery, HTML5, and CSS. Collaborated closely with designers to transform designs into fully-featured interfaces using Angular.
- Created Angular Single Page Applications with Bootstrap classes for UI design. Developed diverse components and leveraged Angular directives, Pipes, TypeScript-based classes, and interfaces to enhance application functionality.

- Proficiently utilized GIT source code technology for effective version control. Managed code branches, check-ins, check-outs, and code modifications.
- Created and consumed Web APIs and Web services, leveraging their full HTTP features, including URIs, request/response headers, caching, versioning, and various components.
- Worked on different application environments, including Web, Mobile, Desktop, and Scheduled Task applications. Migrated old applications to .NET framework applications using .NET/Core Frameworks, ASP.NET MVC, C#, VB.NET, WCF, Web API, Microservices, Web Services, and Angular.
- Performed unit testing using the 'MS-Unit testing framework' on data access and business access layers. Additionally, prepared build, packaging documents, and runbooks.
- Actively engaged in coding, bug fixing, code reviewing, and testing with business users. Conducted smoke tests and reviewed deliverables on time.
- Spearheaded the development of Microservices RESTful APIs, enabling fast and resource-efficient data exchange. Implemented the Task-Based Asynchronous concept to enhance resource utilization.
- Implemented Dependency Injection with Inversion of Control to enhance application testability and reduce object creation and tight coupling between objects.
- Designed and implemented build, deployment, and configuration management solutions for application deployments.
- Leveraged a deep understanding of technology to facilitate migration to cloud-based technologies.
- Acted as part of the technical core team for an agile group, providing application design, testing, and implementation expertise.
- Spearheaded the development of Microservices RESTful APIs, enabling swift and resource-efficient data exchange. Implemented the Task-Based Asynchronous concept to enhance resource utilization.
- Worked on cloud computing using Windows Azure and SQL Server Azure, harnessing cloud technologies for optimized application performance.
- Held responsibility for the development and maintenance of applications and effectively managed change, incident, problem management, and periodic reviews.
- Developed test plans, established software acceptance criteria, and coordinated with clients to oversee the acceptance and quality of deliverables.
- Assisted team members in resolving technical issues, conducted troubleshooting, identified project risks and issues, and managed them effectively. Designed integration points with external systems, promoting seamless integration with applications within Transcore and the Toll Industry.

Environment: C#,.NET 6.x/5.x, ASP.NET, ASP.NET Core, MVC 5, Web API, Angular, WCF, Visual Studio2022/2019, , Azure Cloud, VB.NET ,HTML, CSS, JavaScript, XHTML, XML, jQuery, JSON, AJAX, Bitbucket, Docker, Kubernetes, DevOps, Oracle, Crystal & PDF Reports, JIRA, Swagger, Postman, dotCover etc.,

Department of Healthcare and Financial Planning   **Jackson, Mississippi**   **05/2019 – 03/2023**
.Net Lead Developer
Responsibilities:
- Using ProjectPortifolioMaganement to track all project related activities, resource allocation and updating the software as per the client needs following Agile methodologies.
- Actively participated in Agile methodologies, attending Daily Scrum standups and status updates. Additionally, attended meetings like Pre-Planning and Retro for upcoming sprints to ensure efficient project planning and coordination.
- Played a lead role in overseeing both onshore and offshore team members, fostering collaboration and managing project objectives effectively.
- Designed software components for implementing business requirements within systems, focusing on designing integration points with external systems for seamless interaction with Interchange and Healthcare portal.

- Translated designs into code using Angular, TypeScript, jQuery, HTML5, and CSS. Collaborated closely with designers to transform designs into full-featured interfaces using Angular.
- Manage a cross-functional development team in creating .NET-based web applications with Node.js and React.js frontends. Define and execute the architecture and design of user interfaces, ensuring responsive and user-friendly applications.
- Implement React.js components, applying state management techniques like Redux for efficient data handling and synchronization.
- Collaborate closely with UI/UX designers to translate wireframes and mock-ups into visually appealing and interactive web interfaces.
- Designed and implemented build, deployment, and configuration management solutions for application deployments, ensuring efficient and reliable deployment processes.
- Proficiently used GIT source code technology, creating branches, managing check-ins and check-outs, and effectively collaborating on code modifications.
- Worked extensively on cloud computing using Windows Azure and SQL Server Azure, harnessing cloud technologies to optimize application performance.
- Responsible for the development and maintenance of applications, handling change, incident, problem management, and periodic reviews. Maintain comprehensive documentation of application configurations, troubleshooting procedures, followed best practices and provided Level3 support.
- Created Virtual Machines (VMs) in the AWS platform and implemented load balancing for optimized application performance.

Environment: C#, MVC 6.0, Asp.net, .NET Framework (6/5.0/4.5/4.0/3.5), DNN, AJAX, WPF, Rest API, WCF services, ADO.NET, Entity Framework, Angular8, Node.js, React,js, Web Services, Web Api's, Xml, WCF Restful service, Windows service, TFS, JIRA, BMC Remedy, Visual Studio 2017/2019, Git, Azure Devops, AWS, Toad, LINQ, Sql Server, Oracle

Department of Healthcare and Financial Planning   **Carson City, Nevada**   **04/2016 – 04/2019**
.Net Lead Programmer

Responsibilities:

- Practiced Agile development methodologies with a strong focus on issue tracking and documentation using JIRA and Confluence, ensuring streamlined project management and collaboration.
- Proficiently utilized PPMC and iTrace documentation tools for the management of project-related documents, work assignments, and activities, ensuring efficient project tracking
- Fostered effective collaboration with designers, developers, and stakeholders, facilitating transparent communication and teamwork to successfully achieve project objectives.
- Managed source control using GitHub Enterprise, meticulously following a feature, develop, and master Git branching strategy for seamless version control and collaborative development.
- Designed and developed customer healthcare plans, leveraging technologies such as C#, ASP.NET, JavaScript, XML, XSLT, CSS3, and HTML5, ensuring the creation of innovative and user-centric web projects.
- Actively participated in code review meetings, incorporating feedback and carrying out refactoring as necessary. Leveraged tools like ReSharper to enhance code quality and maintainability.
- Proficiently developed and deployed API and .NET MVC websites using AWS, Visual Studio, Azure, and Visual Studio, harnessing cloud computing to optimize application performance.
- Seamlessly integrated third-party software solutions to sanitize and restructure data for standardized consumption via APIs, ensuring data consistency and reliability.
- Successfully managed multiple project responsibilities, overseeing development and integration with various back-end environments and data suppliers.
- Responsible for the development and maintenance of applications, handling change, incident, problem management, and periodic reviews for Legacy applications.

Environment: C#, MVC, .NET Framework (6/5.0/4.5/4.0/3.5), VS 2017, WCF RESTFUL services Web API 2.0, LINQ, XML, NET Framework 4.6/EF Core 2.0, SQL Server 2017, SharePoint 2016.

Disney   **Orlando, USA**   **03/2015 – 03/2016**
Senior .Net Developer
Responsibilities:

- Practiced Agile development methodologies with a strong focus on issue tracking and documentation using JIRA and Confluence, ensuring streamlined project management and collaboration.
- Gained a deep understanding of client requirements and ensured that developed applications aligned with those requirements, focusing on client satisfaction.
- Actively participated in writing and reviewing code for sites, typically in MVC, ASP.Net,HTML, XML, or JavaScript. Addressed performance and user experience issues through troubleshooting and optimization.
- Spearheaded full-stack development and deployment of Azure Web Apps, Functions, and Web Jobs using C# .NET. Leveraged Azure's cloud computing capabilities to optimize application performance and scalability.
- Designed and developed database solutions and API endpoints to cater to the needs of other development teams and features, facilitating seamless data interaction and integration.
- Worked extensively on cloud computing with Windows Azure and SQL Server Azure, harnessing the power of cloud technologies to enhance application efficiency and data management.
- Monitored applications and systems via Azure Portal and Application Insights, promptly responding to alerts and ensuring system health. Wrote and maintained unit tests using tools such as ReSharper, dotCover and NUnit.

Environment: C#, .NET Framework, Azure, ASP MVC, VS 2017, Swagger, Source Tree, GIT, RESTFUL services, EF Core 2.0, LINQ, SQL Server 2017, JMeter, Confluence, SharePoint, Nunit, IIS Express.

AIRBUS   **Grand Prairie, Texas**   **05/2012 – 02/2015**
Sr.Net Developer
Responsibilities: -

- Applied Test-Driven Development (TDD) principles to develop robust software, encompassing Unit Testing, Integration Testing, and System Testing with NUNIT.
- Designed and constructed ASP.NET web forms using C#.NET, incorporating AJAX controls, HTML, and JavaScript to deliver dynamic and user-friendly web applications.
- Possessed an in-depth understanding of .NET application architecture, infrastructure, and troubleshooting techniques, ensuring the stability and optimal performance of .NET applications in production environments.
- Participated in on-call rotations, providing round-the-clock support for critical incidents and emergencies.
- Collaborated effectively with software vendors and support teams to resolve intricate issues and apply essential software updates.
- Developed and deployed automation scripts for routine tasks, including log rotation, data backups, and system maintenance.
- Engaged in change request reviews and assessments, ensuring thorough testing and documentation of changes to .NET applications. Implemented permanent fixes and preventive measures to reduce future incidents.
- Maintained adherence to ITIL processes and ensured effective communication through ticketing systems such as Remedy and ServiceNow.
- Investigated recurring incidents, pinpointing root causes for resolution, and contributing to unit testing, integration testing, and application deployment.
- Collaborated closely with architects and clients to define use cases, prioritize features, and iteratively crafted APIs and architectural solutions. Conducted thorough analysis of common user workflows to identify and rectify memory leaks, thus ensuring the optimal performance of applications.
- Provided continuous support and maintenance during the production phase, promptly addressing issues to maintain seamless functionality. Conducted end-to-end testing, meticulously verified logs, and scrutinized backend system results to uphold application quality and reliability.

Environment: Visual Studio 2013, Entity Framework5.0, C#, LINQ, SVN, WPF, Windows 7, NUNIT,BMC Remedy, ServiceNow

Universal Music Group   **Santa Monica, California**   **07/2010 – 04/2012**

.Net Developer

Responsibilities:

- Developed solutions for a diverse range of programming scenarios in C#, consistently applying Object-Oriented Programming (OOP) and Object-Oriented Analysis and Design (OOAD) concepts.
- Designed and implemented an interactive directory that presents detailed information about committees, officials, and staff officials using MVC 2.0 Views, jQuery, JSON, Telerik controls, and CSS.
- Acquired an understanding of Silverlight for the development of rich graphics and user interactions.
- Demonstrated proficiency in data access, leveraging Data Adapter, Data Reader, and Dataset in ADO.NET, as well as LINQ (Language Integrated Query) Providers for data manipulation. Employed XSLT for data mapping in BizTalk.
- Created a Window/Web/WCF (Windows Communication Foundation) service to facilitate the seamless retrieval and transmission of information from the client-side without requiring a post-back.
- Authored SQL Statements, Stored Procedures, Triggers, Functions, and Sequences for data access, utilizing Entity Framework classes and methods to facilitate team management.
- Employed Test-Driven Development (TDD) practices, encompassing Unit Testing, Integration Testing, and System Testing using NUNIT.
- Utilized TFS 2013 Team Project for efficient task management, meetings, document management, task assignment, sprint management, and tracking of enhancement and bug requests.
- Conducted a range of tests, including Web Services testing, End-to-End testing, Functional testing, Integration testing, and Regression testing, ensuring data integrity and system reliability by verifying logs and outcomes.

Environment: C#, SQL Server 2012, .NET Framework, Visual Studio 2012, ASP.NET MVC 2.0, ASP.NET 3.0,Silverlight,XAML, XML, HTML5, CSS3, XSLT, jQuery 2.0, IIS, Entity Framework, SSRS, SOAP, WCF, Web Services, TFS.

Ceridian   **Minneapolis, Minnesota**   **10/2009– 06/2010**

.NET Developer

Responsibilities:

- Orchestrated the entire Software Development Life Cycle (SDLC), spanning from the initial requirement gathering phase to successful implementation.
- Carefully analysed and comprehended business requirements, translating them into comprehensive Functional Requirement Documents (FRD) and Technical Design Documents (TDD).
- Leveraged AJAX technology to develop responsive, high-performance, and user-friendly web applications.
- Engineered ASP.NET validation controls and JavaScript validations to enforce data validation and enhance data quality. Designed and maintained WCF services using C#.NET and integrated them with Oracle 9i databases.
- Crafted customized corporate applications using .NET technology and classic ASP, complemented by the creation of JavaScript-based widgets for interactive web interfaces.
- Utilized HTML and jQuery to enhance the visual appearance and user experience of web pages.
- Employed various data presentation and manipulation controls, such as Grid View, Data List, and Panels, within ASP.NET Web Forms.
- Implemented the Business Logic Layer and Data Access Layer using VB.NET and ADO.NET, ensuring efficient data management and processing.
- Employed NHibernate for seamless mapping between .NET classes and database tables, streamlining data interactions.
- Utilized SQL Server 2008 Reporting Services (SSRS) to generate reports in Microsoft Word (DOC) format, optimizing stored procedures for enhanced performance.
- Conducted source code maintenance and version control using Microsoft Team Foundation (MSTF), facilitating code collaboration and management.

Environment: Visual Studio.Net 2010, C#,VB.NET, ASP.NET, Classic ASP, ADO.NET, MVC 2.0, SOAP, Web Services, HTML, CSS, JavaScript, Windows 7, SQL Server 2008, SSRS, Oracle 9i, TFS, IIS.