**THRIVENUBABU M**

 **Senior Full Stack .Net Developer**

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**SUMMARY:**

* Over **10** years of extensive software development experience, serving as a Lead and Senior Developer, responsible for developing, maintaining core components, conducting unit testing, and seamlessly integrating implementations.
* Experience in all phases of System Development Life Cycle **(SDLC)** from investigation of initial requirements through analysis, design, programming, testing documentation and implementation.
* Extensive experience in using .Net components: **C#, ASP.Net, VB.NET, PL/SQL, ASP.Net MVC, ADO.Net, ADO.Net Entity Framework**.
* Experience in UI Development using **HTML5, DHTML, CSS, JavaScript, Angular JS, Node.js, AJAX, JQUERY, Kendo UI, JSON, and XML.**
* Substantial experience in various .NET applications using **Visual Studio .NET** technologies like **C#, .Net, Angular JS, Angular 2/4/6/8/9/11/12/14/16, Node Js, VB.net, Asp.net, Telerik Controls, Silverlight, AJAX, XML** and **Java Script.**
* Experience in back-end components like **RESTFUL, XML Web services (SOAP, WSDL), Web API, WCF Services and Windows Services.**
* Having Experience Configuring and managing **Azure AD Connect, AzueAD Connect health, Microsoft Azure Active Directory.**
* Experience in usage of third-party tools **Telerik** RAD control and scripting languages **JavaScript** and **VB Script.**
* Strong experience in developing the reusable components like assemblies by Implementing the OOPS Concepts and Creating the Class Libraries.
* Good knowledge on **Microservices, AWS** working with**EC2, RDS, Dynamo DB, S3, Cloud watch and Docker.**
* Implemented **SOA** architecture through **WCF** services which used to rapidly build service - oriented applications that communicate across the web and the enterprise with features Serialization, Versioning and Interop.
* Experience working on AWS RDS/Aurora for **Oracle/PostgreSQL databases**.
* Strong experience in creating Databases, Tables, developing Complex **T-SQL** Stored Procedures, Views, Cursors, Scripts, Triggers.
* Experience in Creating Data Access Layer using **ADO.Net and ADO.Net Entity Framework** to communicate with the Databases like **MS SQL Server, mongo DB, Oracle and MS Access.**
* Ability to work within a fast-paced environment, and interact supportively within a team, problem solving skills (debugging and troubleshooting), fixing bugs in application and **N-Unit testing**.
* Used **Team Foundation Server (TFS) and Visual Source Safe 6.0** for Version Control.
* Good experience on **DevOps** essential tools like **Docker, Kubernetes, GIT, Jenkins.**
* Experience in **AWS Cloud Environment**- **EC2, S3 Lambda, Auto Scaling, IAM, Cloud Watch, Cloud** **Formation, Security Groups.**
* Used **Jira** for bug tracking.
* Document Authoring on **SharePoint, Windows Azure Cloud Services**.
* Created and managed **SQL Server, Azure**.
* Strong hands-on experience **with MS-Office, MS-Access, MS-Front Page, MS- Power Point, MS Excel and MS Project.**

**TECHNICAL SKILLS.**

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| --- | --- |
| **.NET Technologies** | ASP.NET, ADO.NET, AJAX, Classic ASP, LINQ, Entity Framework, Angular JS, Angular |
| **Languages** | C# .NET, VB.NET, Visual Basic, C, C++, Java, PL/SQL, T-SQL |
| **Web Technologies** | HTML, HTML5, DHTML, XML, XSLT, XSD, WSDL, XAML, JSON, SOAP, CSS, Web forms, Web Services, Win forms, WCF, WPF, MVC, Silverlight, XSLT, WSDL&UML |
| **Scripting Languages** | JavaScript - Leaflet, jQuery, Visual Basic Script& Type Script |
| **Databases** | SQL SERVER, Cassandra DB, PostgreSQL, Heroku DB, Greenplum DB &Oracle |
| **Framework** | Microsoft .Net Framework, .Net Core Framework  |
| **Operating Systems** | Windows 98/NT/2000/XP/Vista/Windows 7/ Windows 8/8.1/Windows 10 |
| **IDE** | Visual Studio, Visio |
| **Web Servers** | IIS (Internet Information Server) |
| **Testing Tools** | Microsoft Visio, NUnit, Karma |
| **Reporting Tools** | SQL Server, SSIS, SSRS, SQL Server Management Studio (SSMS)  |
| **Version Control** | Visual Source Safe 6.0, Team Foundation Server, Tortoise and GIT |

**PROFESSIONAL EXPERIENCE:**

**Client:** Lending Tree - Des Moines, IA

**Role:** Lead .Net Developer May 2022 – Present,

**Responsibilities:**

* Led Agile-Scrum teams in the full **SDLC**, ensuring on-time delivery of high-quality code aligned with business requirements.
* Provided technical leadership, guiding teams through requirements analysis, feasibility studies, and Proof of Concept **(POC)** development.
* Architected and executed a robust Web server using **.NET Core, ASP.NET MVC, C#, Web API,** and **RESTful** services, supporting scalable and secure online applications.
* Executed Microservices architecture with **ASP.NET Core** to enhance application modularity and independence.
* Developed **APIs** for seamless communication between application and business servers, supporting **CRUD** operations and ensuring data integrity.
* Developed **OAuth** for secure user authentication and data encryption, ensuring compliance with security standards.
* Optimized performance through caching strategies, **logging API** usage analytics, and implementing throttling mechanisms to prevent overuse.
* Implemented Data extraction and streaming using **Kafka.**
* Integrated with **SQL Server** and **mainframes** to synchronize and reflect real-time data updates across systems.
* Utilized **Power BI** to develop solution-driven dashboards and reports, enhancing data visualization and decision-making capabilities.
* Automated workflows and tasks using **MS Power Automate** and **Power Apps**, streamlining business processes and improving operational efficiency.
* Deployed applications on **Azure cloud technologies**, leveraging Azure DevOps for continuous integration and deployment (CI/CD) pipelines.
* Deployed and managed scalable, secure applications on **Azure** using **Kubernetes** for container orchestration.
* Developed **RESTful APIs** for seamless communication between frontend and backend systems, ensuring interoperability and performance
* Utilized **Angular 10**, **TypeScript**, **HTML5**, **CSS**, and **Bootstrap** to create responsive and user-friendly interfaces, improving user experience and engagement.
* Designed and implemented a personalized loan management dashboard using **Angular, TypeScript, HTML5, and CSS**, providing customers with real-time insights into their loan portfolios and financial recommendations.
* Created and deployed efficient **APIs (GET, POST, PUT, DELETE)** to facilitate smooth application and server interactions.

**Environment:** Visual Studio.Net 19/22, C#4.0-6.0, SQL Server 2016- 22, ASP.Net Core, .Net Core, MVC4.5\5, Web API, Microservices, MSMQ, XML, Entity Framework, DevOps, Azure Services, JQuery, JQuery, Angular js,Kafka, Power Apps and Power Automation.

**Client:** State of Ohio - Columbus, OH

**Role:** Sr. .Net Developer Oct 2020 – Apr 2022,

**Responsibilities:**

* Worked on a POC from scratch and deployed the in the windows server.
* Enabled efficient and effective high-quality software development by developing **Agile Software Development methodologies.**
* Responsible for maintaining and expanding **AWS** (Cloud Services) S3 infrastructure using AWS (SNS, SQS).
* Rewriting the legacy windows forms applications into web-based application using web forms and client-side technologies like **jQuery, JavaScript, JSON Data, NodeJS, Angular.**
* Created **Postgres** Tables, Views, Procedures, Functions, Triggers based on the requirements.
* Styling the Web Forms using **HTML5, CSS3, Bootstrap, Data tables, Font-Awesome**.
* Created Business Logic Layer & Data Access Layers to implement the MVVM architecture.
* Also involved in Discussion Board for Client Interaction for the change requests and follow-ups.
* Implemented **ASP.NET MVC** Validation implemented at Controller level.
* Used **LINQ** to **SQL** as the data provider for communicating with **SQL Server Database.**
* Used Telerik Chart Control to display the data in graphical format.
* The **RESTFUL API service** was developed using **.NET Core WEBAPI, C#, .NET Framework 4.5, LINQ, T-SQL.**
* Developed, debugged and optimized **PostgreSQL** queries for reporting and app development.
* Developed powerful Single Page Application and dynamic responsive Web Application with **Angular.**
* Designed and implemented **Restful API layer** along with calls to consume an API Layer.
* Developed several SOAP and REST API based internal tools to enhance quality and performance of existing code base and deployed in Cloud Foundry, **AWS S3** and Kubernetes.
* Part of gathering requirements, design, and development of project by using **WPF, OOPS** concepts and solid principles.
* Used **Microservice** architecture, based services interacting through a combination of REST and leveraging AWS to build, test and deploy Identity Microservices.
* Written **SQL** Stored Procedures which are helpful for reports and also involved in Creating Reports using **SSRS** and Crystal Reports on Oracle databases.
* Created a Continuous Delivery process to include support building of **Docker Images** and publish into a private repository- Nexus v3.
* Involved in Testing, Debugging, Maintenance/Enhancement of Project and code review of the Applications.
* Utilized TFS for source code maintenance among the whole team members.
* Implemented Data extraction and streaming using **Kafka**.
* Experience with build and release and **PowerShell Scripting.**

**Environment**: Visual Studio, C#, SQL Server, ASP.Net Core, .Net Core, MVC, Ajax, Web API, Microservices, Azure AD, XML, Entity Framework, DevOps, JQuery, Azure services, Citrix, Ingenico Credit Card Readers, Angular.

**Client:** Nant Health - San Antonio, TX

**Role:** Senior .Net ConsultantMar 2018 – Sep 2020,

**Responsibilities:**

* Extensively worked on **Agile SDLC** methodology and participated in scrum meetings, Retrospectives, Sprint planning and review meetings to discuss the flow of the project and distribution of the User stories.
* Performed Server migration using cloud servers like AWS from physical to cloud environment by using various AWS features like **EC2, S3, Auto scaling, RDS, ELB, EBS, IAM, Route 53 for installing, configuring, deploying and troubleshooting on various Amazon images.**
* Designed large numbers of **WPF (Windows presentation foundation) Forms, Custom Controls and User Controls using XML language for UI.**
* Worked in complete agile team which gathers and designs the tasks based on customer requirement.
* Developed **Single Page Application (SPA) using Angular 12** Framework and injected generic services using **Angular 12.**
* Developed the modules using **Asp.Net, C#.Net, HTML5, CSS3, Java Script, Master Pages, Ajax, Web Server Controls and used jQuery for client-side validations**.
* Used **SOAPUI** for functional testing/debugging the web services and used **WCF Services** for establishing connection between application layers.
* Created **WCF Services** responsible for communicating and providing real time data from integrated server to Client Application.
* Utilized **Kubernetes** and **Docker** for the runtime environment of the **CI/CD**system to build, test deploy on the **AWS server.**
* Implemented Two-way Databinding in **Angular 10 which makes the application to handle the automatic synchronization of data between the model and view components.**
* Designed, architected, programmed **Win Forms**, **Web based Application and Libraries.**
* Created from scratch in **Typescript** for most components with **Angular** framework in mind.
* Analysed and designed new **.NET Web, Batch and WCF** application from design to completion stage.
* Prepared technical documentation such as system architecture, functional, design documents.
* Got client appreciation for the various project Silverlight, **WCF, ASP.NET, Console** Applications executed.
* Used **Open stack and AWS** cloud services to launch Linux and windows machines, created security groups and written basic PowerShell scripts to take backups and mount network shared drives.
* Leveraged **Amazon Web Services** like **EC2, RDS, EBS, ELB, Auto scaling, AMI, IAM through AWS console and API Integration.**
* Designed and developed the Windows application which consisted of a **WinForms GUI and Web Application** using MVC framework.

**Environment**: Visual Studio.Net 19/22, C#4.0-6.0, SQL Server 2016- 22, ASP.Net Core, .Net Core, MVC4.5\5, Web API, XML, Entity Framework, DevOps, jQuery, Citrix, Ingenico, Angular, C#, C++, Winsock, Delphi, Multithreading, C#, WinForms, HTML, JavaScript, C++, Win32API, MFC, Multi-Threaded Programming, Socket Programming, RS 232 serial port communication, Dynamic link Libraries, COM.

**Client:** Avani Tech Solutions Private Limited – Hyderabad, India

**Role:** .Net Developer Feb 2015 – Aug 2017,

**Responsibilities:**

* Managed projects using **Agile** methodologies, ensuring iterative development, and close collaboration with stakeholders to deliver high-quality software on time.
* Developed scalable web applications using **ASP.NET MVC**, adhering to best practices in software architecture to achieve modular and maintainable code.
* Implemented **SOAP** web services to facilitate communication between distributed systems, ensuring secure and reliable data exchange across platforms.
* Utilized **ADO.NET** for efficient data access, integrating with **SQL** Server databases to perform **CRUD** operations and optimize performance in **.NET applications**.
* Managed **XML** data formats for structured data exchange between applications, ensuring compatibility and data integrity across different platforms.
* Designed responsive user interfaces using **HTML, CSS, JSP, JavaScript, jQuery** and **Ajax**, enhancing user experience and interaction in web applications.
* Implemented **SQL** Server databases for relational data storage, utilizing **T-SQL** for database querying and ensuring data consistency and performance.
* Implemented unit tests using **XUnit** framework to automate testing processes, ensuring code quality, and identifying and resolving issues early in the development lifecycle.
* Managed source code and version control using **SVN**, facilitating collaboration among development teams and tracking changes across projects.
* Implemented **Log4Net** for logging and monitoring application activities, enabling effective troubleshooting, debugging, and performance optimization.
* Managed project tasks and workflows using **JIRA**, facilitating agile project management practices, and ensuring transparency and accountability in project execution.

**Environment**: MVC5, ASP.NET Framework, Visual Studio, LINQ, Razor, Web Services, Entity Framework, Ajax, JavaScript, jQuery, Angular.js, Bootstrap, HTML5, HTML CSS3, CSS, SQL, PL/SQL Server, NUnit, WinForms, ReactJS, Rest-API.

**Client:** Nespon Solutions – Hyderabad, India

**Role:** .NET Web Developer Jun 2013 - Jan 2015,

**Responsibilities:**

* Collaborated with the Engineer team to design and maintain **MySQL** databases for storing and retrieving customer review data.
* Collaborated with the engineering team to implement scalable **NLP** models.
* Involved in the validation and risk assessment of machine learning models before deployment.
* Implemented **SQL** to build **ETL** Pipelines that filter, aggerate and join various tables to retrieve the desired data from **MySQL** databases.
* Provided **BI Analysis** for the marketing team to review impact on key metrics in relation to the project.
* Used **R** to query the data, run statistical analysis and create reports or dashboards.
* Built compelling visualizations and dashboards using **Tableau** to deliver actionable insights.
* Employed feature engineering pipelines with **Python** to do normalization and scaling for numerical features, and tokenizing for categorial features, implemented **PCA** to reduce the dimensions.
* Contributed in building **Machine Learning** models with **scikit-learn** library in **Python**, like **Logistic Regression model, SVMs model, Random Forest model** and **Naive Bayes model**.
* Ingested data, explored, cleaned and integrated data from **MySQL** and **MongoDB** databases on **AWS EC2** using Python and **Hadoop** to perform initial investigation, discover patterns, and check assumptions.

**Environment:** Python, MySQL, AWS (Lambda, API Gateway, S3, EC2, DynamoDB), scikit-learn, Tableau, R, MySQL databases.

**EDUCATION:**

* BE IN COMPUTER SCIENCE | SATHYABAMA UNIVERSITY, CHENNAI |CGPA-3.2| MAY 2013.