Srujan Thotamalla
Senior .Net Developer

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Professional Summary:

- Over 10 Years of Experience in the Design, Development, Analysis, Testing, Implementation and Maintenance of Client/Server, Internet, Intranet, Windows and Web-based applications using n-tier Architecture.
- Experience using **Object Oriented Analysis Design (OOAD), Object Oriented Programming (OOPS).**
- Extensive experience in using .Net components: **C#, ASP.Net, VB.NET, PL/SQL, ASP.Net MVC, ADO.Net, ADO.Net Entity Framework**.
- Substantial experience in various .NET applications using **Visual Studio .NET** technologies like **C#.Net, Angular 14, Node Js, React JS, VB.net, Asp.net, Telerik Controls, Silverlight, AJAX, XML** and **Java Script.**
- Experience in requirement gathering, analysis, design, documentation, unit test case reparation, coding and unit testing, code review, SLA based application support, SIT, and bug fixing, issue troubleshooting, UAT support, production implementation, post production support, root cause analysis and enhancement.
- Experience in usage of third party tools **Telerik** RAD control and scripting languages **JavaScript** and **VB Script.**
- Good Experience in designing and developing the Reusable User Controls using Partial Views, and Layouts for creating common look and feel among all the web pages in **ASP.Net MVC Web Applications**.
- Strong hands-on experience **with MS-Office, MS-Access, MS-Front Page, MS- Power Point, MS Excel and MS Project.**
- Experience with **Mobile** Development and responsive design **(android and IOS)**.
- Strong experience in creating Databases, Tables, developing Complex **T-SQL** Stored Procedures, Views, c#Cursors, Scripts, Triggers.
- Experience in **Azure** for system Deploying, Operating and Maintaining compute, network and storage in the **Microsoft Azure environment** using Microsoft Technologies.
- Excellent in .Net client applications and their development including web and window applications (WinForms).
- Document Authoring on **SharePoint, Windows Azure Cloud Services**.
- Extensive Experience in designing and developing the Reusable User Controls **(.ascx)**, Customer Controls in **ASP.Net Web Pages/Forms.**
- Expert in **HTML5/CSS3** development and have experience in **Backbone.js, Require.js, node.js, angular.js, Ext.js, Responsive design**
- 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.
- Created and managed **SQL Server, Azure**.
- Good knowledge on creating services with **Angular** @injectable property, as to make the service available for dependency injection when creating components.
- Used **Team Foundation Server (TFS) and Visual Source Safe** for Version Control.
- 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**.
- Creating **WPF/Silverlight** applications using **MVVM** architecture.
- Used **Jira** for bug tracking.

- Used **TeamCity** for continuous integration and **Octopus Deploy** for deployment of application.
- Excellent interpersonal skills, communication skill, flexible to learn and work with new technologies and concepts.

Highest Degree of Education- master's in computer science (2024)

Technical Skills:

. Net Technologies	ASP.NET, ASP, Web Services, Windows Forms, ADO.NET, AJAX, WCF, WPF, SOAP, Angular 14
Language	C#, VB.NET, C, Visual Basic (VB), Shell scripting, UML, SQL.
GUIS	Servlets, JSP, Java Naming and Directory Interface (JNDI).
Build/Automation Tools:	Puppet, Chef, Ansible, Ant, Build Master, Maven, Gradle, Jenkins.
Cloud Technologies:	MS Azure, Kubernetes, OpenShift, Amazon Web Services (AWS), Pivotal Cloud Foundry, Pivotal Web Services, PCF Client API, CF User Defined Services.
Databases	MS SQL Server, Oracle
Web Technologies	XML, IIS, HTML5, DHTML, CSS3.
Web Services	Web API, WCF, Web Services.
Scripting	jQuery, VB Script, and JavaScript,
Tools	Team Foundation Server (TFS, GIT, Visual Source Safe, SQL Server Reporting Services (SSRS), PL/SQL Developer, Rational Application Developer 6.0, Active Reports, Crystal Reports and MS-Office.

Project Experience:

Client: Bank Of America, CA   **June 2023 – till now**
Role: Senior .Net Developer
Responsibilities:
- Involved in all the tiers of this application. Worked on Data layer, Business layer and UI Layers. Developed Business and Data tier using **.Net MVC, C#, ADO.NET.**
- Worked extensively with Disconnected Data Sets using **ADO.NET** to perform Database actions.
- Developed Master Pages and web enabled online panels for data entry using **ASP.NET** forms and submitted the same for processing to the appropriate Manager.
- Implement .NET Compact Framework is a streamlined version of the .NET Framework designed specifically for mobile devices, PDAs, and embedded systems.
- Used Visual C++ to integrated development environment (IDE) from Microsoft for developing C++ applications. It provides tools for writing, compiling, debugging, and deploying native Windows applications with high performance and efficiency.
- Involved in developing the **Azure Solution** and **Services** like **PaaS** and **IaaS**.
- Developed mobile and desktop applications (**Android and IOS)** using **C#** and **VB.NET.**
- Developed operational contract of **WCF (windows communication foundation**) service to fetch messages and message details from database.
- Implement Power BI supports seamless integration with numerous data sources, including SQL Server, Excel, Azure, and various third-party services.
- Designed and developed various web pages using **ASP.NET MVC, C#, HTML, JavaScript, server controls such as Grid View, Validation controls.**
- Created **JSON** based **Azure Resource Manager (ARM)** templates, Used them for deployments.
- Developed a password distribution module, which will display the initial password to the account owners.

- Used OAuth to designed and provide delegated access to resources without sharing user credentials. It allows users to grant third-party applications limited access to their resources hosted on another service.
- Implementing and migrating and deploying workloads on **Azure VM.**
- Setup the Database in Development, Production environment in **Cloud-Microsoft SQL-Azure.**
- Created, Modified Stored Procedures Triggers, tables and Views on **SQL Server.**
- Developing the components using **Angular 14** needed for the application from the scratch and customizing from various Angular related libraries to meet the application's functionality.
- Implemented Services and Dependency Injection in **Angular 14** to connect the web application to back-end APIs and for sharing the code between the components.
- Windows **Azure Architecture Implementation.**
- Used React Native allows developers to create mobile applications for both iOS and Android platforms using a single codebase.
- Implemented HTTP request response protocol used for communication between clients typically web browsers and servers. In an HTTP interaction, a client sends an HTTP request to a server, and the server responds with an HTTP response.
- Used ETRM systems to integrate the entire energy trading lifecycle, from deal capture and contract management to settlement and accounting.
- Used AWS various needs, including computing power, storage, databases, machine learning, analytics, networking, mobile development, and more
- Used SCRUM for responsible for maximizing the value of the product and managing the Product Backlog.
- We implement Entity Framework (EF) provides built-in support for change tracking and lazy loading. Change tracking automatically keeps track of changes made to objects so that the corresponding updates can be applied to the database.
- Involved in Production support for Mobile site issues.
- Used **Telerik MVC** control for grid layouts and calendar layouts.
- Used **JavaScript, jQuery** and **AJAX** for client side validations and scripting in the Web Pages.
- Performing Unit Testing on my part of the application developed using **Karma.**
- **GIT, JIRA** for Bug analysis, Tracking and fixes in web-industry standards.
- Developed web applications using principles of Test-Driven Development, with an eye to Continuous Integration enabled by **TeamCity.**
- Responsible for designing, developing and deploying collaboration portal and Master data workflow using **SharePoint Portal Server (SPS), Windows SharePoint Services (WSS**) and, **.NET Framework.**
- Performed unit testing, regression testing on various new and existing modules.
- Deploying and adding new machines to a running data base, balancing load and duplicating the data to keep the system up, using **Mongo DB,** in a multi-server environment.
- Configuring high availability using geographical **MongoDB** replica sets across multiple data centers.
- Extensively used **LINQ - Entity.**
- Deliver a complete front-end application in **NodeJS, JavaScript, HTML5, CSS3, Bootstrap 4** and **Angular 12/14**
- Involved in **Blazor** server it runs the application server-side, using SignalR to manage client-server communication, offering advantages in performance and resource usage.
- Developed a single page, mobile-first web application for real-time location sharing utilizing **Angular 10, JavaScript API.**
- Rewriting the legacy windows forms applications into web based application using web forms and client side technologies like **jQuery, JavaScript, JSON Data, NodeJS, Angular 12**

- Working on synchronizing data model and user interface controls using **Node JS.**
- Optimized the code and developed web pages for payment system, extensively used **KendoUI.**
- Used Vue.js for a powerful reactive data binding system, which ensures that changes to the underlying data model are automatically reflected in the user interface.
- Responsible for building the UI for the transaction flow portal using **Kendo UI, MVVM** and **Ajax.**
- Knowledge of techniques used in **Angular 14** with the help of **Typescript.**
- Working on dependency binding and declarative tracking using **Node.JS.**
- Used PL/SQL which allows for the creation of reusable code blocks, which can significantly improve performance by reducing network traffic and reusing execution plans.
- Involved in design and developing case management system web screens using **ASP.Net MVC Framework** and had knowledge on **Web API (Restful).**
- Used ADF to build and manage data pipelines that ingest data from various sources, transform it, and load it into data stores such as Azure SQL Database, Azure Data Lake, or Azure Synapse Analytics.

Environment: ASP.NET MVC, C#, Agile, Angular 12/14, Web API, Mobile Applications (Android and IOS), SQL Server, Mongo DB, Web Services, Blazor, Kendo UI, Power BI, MVVM, AJAX Control Toolkit, JavaScript, .Net compact Framework, jQuery, Node.JS, HTML, Azure Data Point Factort, IIS, Azure, Telerik, Teamcity Windows, Microsoft Visio, Visual Studio, .Net Framework, Microsoft Reporting Services (SSRS), Clear Case, PL/SQL, Vue.js, ETRM, HTTP.,React Native, Visual C++, OAUTH.

Client: State Of Minnesota, MN   **Oct 2022 – May 2023**
Role: Senior .Net Developer
Responsibilities:
- Analyze user needs and software requirements to determine the feasibility of the design within time constraints.
- Used PL/SQL for tightly integrated with the Oracle Database, allowing for seamless execution of SQL commands within PL/SQL blocks.
- Used Agile emphasizes close collaboration and continuous communication among all stakeholders, including developers, testers, product owners, and customers.
- Azure Data Factory provides monitoring capabilities through Azure Monitor and Azure Data Factory Monitor.
- Implemented JFrog software to robust package management capabilities, supporting a wide range of package types including Maven, npm, Docker, PyPI, and more.
- Used Power BI facilitates collaboration by allowing users to share reports and dashboards with colleagues and stakeholders
- I implemented Angular applications using OAuth2, JWT, and ASP.NET Identity, ensuring robust user management and data protection.
- Used ECMA Script provides a foundation for developing web applications that work seamlessly across different platforms and devices, promoting a consistent programming model and reducing compatibility issues.
- Implemented React Native to provides powerful development tools like hot reloading and live reloading. Hot reloading allows developers to instantly see the results of the latest change made to the code without recompiling the entire application.
- Used HTTP to get request is sent to the server hosting the website, and the server responds with the requested web page.

- Used Next.js for straightforward and intuitive file-based routing system. By simply adding files to the pages directory, developers can create routes automatically.
- Used AWS places a strong emphasis on security and compliance, offering a variety of tools and features to protect data and applications.
- Experienced in creating data entry for both web and windows application to query XML documents using **LINQ**.
- Responsible for UI design and creating contracts and classes in **WCF, WPF** for different modules in the application.
- Maintain, Repair and chance the computer system upgrades.
- Created the Data Access Layer with **ADO.NET** commands and fetched the data from **SQL Server** using Stored Procedures and views using **SQL Data Reader** and **Dataset objects**
- Developed dynamic **ASPX** web pages for Application using **ASP.NET, C#.NET, XML, XSL/XSLT, HTML** and **JavaScript**.
- Extensively used Telerik UI Controls for advanced **WPF** and **Silverlight**.
- Used JIRA for project management and issue tracking. It allows teams to create, track, and manage tasks, bugs, and other work items
- Used Python for high-level programming language known for its readability and simplicity. It supports multiple programming paradigms, including procedural, object-oriented, and functional programming, making it suitable for various applications from web development to data science and automation.
- Involved in **Blazor** service which allows for the creation of full-stack web applications with shared code between client and server, streamlining development processes.
- Communicate with staff or clients to understand specific system requirements.
- Developed routing and Lazy Loading Single Page Application and Developed View templates using **React Forms** for Better Perform in Rendering.
- Implemented **Ajax** and design patterns like **Facade.**
- **Used** Google Cloud Platform (GCP) which offers a wide range of cloud services, including computing, storage, data analytics, machine learning, networking, and developer tools.
- Work closely with the Development team to create new Enchantments for the application, an application developed with following technologies: **Dot Net, Oracle, React Js, jQuery, Kafka, View Js, Java Script, HTML, Azure, Win Forms, Micro Services, Web Services, Postman**, and **SSRS**.
- Create a variety of models and diagrams.
- Implemented **WCF Rest service** by passing large file as method argument through **JSON.**
- Used **Java Script** and **.NET** Validation Controls for the Page Validations.
- Used **Microsoft Team Foundation Server (TFS)** for all the source code maintenance needs.
- Used **JavaScript** to perform validations and catch the events on client's browser.
- Implemented **Unit Testing**. Participated in System Documentation and Code Documentation.
- Developing a proof of concept project for the users to get an approval for the budget for future projects.
- Recommend software upgrades for programs and systems

Environment: C#, ASP.net, Visual Studio, Web Services, ADO.Net, Next.JS, React JS, SQL Server**,** MySQL, Oracle 12g, MS Access, PL/SQL, ASP.NET, HTML4, HTML5**,** Js, Rabbit MQ, Blazor, Kafka, JFrog Software, WPF, JavaScript, View JS, SSAS, SSRS, MongoDB, MS- Project, OOPS, OAuth2, JWT, and ASP.NET, PL/SQL, Azure Data Point Factory, Google Cloud Platform (GCP), React Native, Agile, Python, JIRA, Power BI.

Client: Indigo Airlines, India   **Oct 2019 – July 2022**
Role: .Net Developer
Responsibilities:

- Involved in the creation of Web applications typically **ASP.NET** using **MVC** framework.
- Developed and consumed **WCF** Web Service to access data layer components.
- Implemented Python for standard library and active community contribute to its popularity and widespread use in both beginner and professional projects.
- Created and deployed and consumed **WCF** services in UI layer.
- Development and Deployment using **Power Shell Scripts** using **Azure**. Developed **PowerShell Scripts** for Automated Deployment of Developed Packages.
- Extensive usage of Delegates and Events to establish communication between the **WinForms.**
- Developed client side validation code using **Typescript** and **JQuery**.
- Used REST APIs to uniform and predefined set of stateless operations, typically HTTP methods like GET, POST, PUT, DELETE, and PATCH.
- Created Icons, Wireframes using **Adobe Photoshop**, **Dreamweaver**, **and Adobe Illustrator**.
- Worked on front end pages that were developed in a professional manner using **HTML/HTML5, SCSS, Typescript,** and **JQuery**.
- Responsible for UI design and creating contracts and classes in **WCF, WPF** for different modules in the application.
- Used Kubernetes which distribute network traffic to ensure that no single container is overwhelmed, using Services and Ingress resources to manage external access to the application.
- Maintained existing cloud environment using **Microsoft Azure**
- Built reusable templates for web sites using **Bootstrap** and Font-awesome fonts.
- Used Terraform for a wide range of cloud providers, including AWS, Azure, Google Cloud, and many others. This provider-agnostic approach allows users to manage infrastructure across multiple cloud environments and services using a consistent workflow.
- Responsible for a diverse and challenging set of assignments encompassing a full range of information technology **analysis, design, development, implementation,** and maintenance work related to the customer's databases and applications.
- Involved in developing **Single Page Application** & Implemented the **Page Events** such as click, change events using **Angular 2/4/6**
- Work closely with **UX** team to implement **mock-ups** and the layouts of the application.c
- Creating the Master pages with new Icons, Logos, Buttons, Colors, Images, and Fonts for look and feel of the application using **SASS styles, Html/HTML5**.
- Adapted web application to run in **Windows Azure** against **SQL Azure** using **Azure Queues** for background processing

Environment: HTML/HTML5, CSS/CSS3, MVC frame work, TypeScript, JavaScript, Angular 2/4/6, JQuery, Kendo UI, Bootstrap, AJAX, Entity Framework, HTTP, Azure, Microsoft SQL Server, web forms, Agile development methodology, C#, ASP.Net, WCF, Web Services, Team Foundation Server, Adobe Photoshop, Adobe Illustrator, Dreamweaver, Rest APIs, Python.

Client: HDFC Bank, Bangalore, India   **Jan 2017 – Sep 2019**
Role: .Net Developer
Responsibilities:
- Developed UI/Components/Classes/Methods/Functions for the application and also Functionalities such as Data retrieval using disconnected record sets, using **ADO.NET / ASP.NET / Windows Forms / Web Forms / Server controls.**
- Analyzing the specifications provided by the clients.
- Used Stored Procedures, Database routines for fixing up the standard Specifications.
- Implemented Unit Testing, Integration Testing and System Testing using **NUNIT.**

- Developed the web forms using **ASP.NET Server** controls and Performed validation on the client side using **JavaScript** and Validation Controls.
- Identified researched, investigated, analyzed, defined and documented business processes.
- Involved in enhancing the business layer to provide more interfaces and functions needed for the system.
- Writing Database stored procedures, views etc.
- For consistent data access used **ADO.NET** objects such as Data Reader and Data Set.
- Coding and debugging using **ASP.NET** and **C#.**
- Maintained Windows application with **Visual Studio** with **VB.NET.**
- Created business Model in **VB.NET** to maintain connectivity with **SQL Server databases.**
- Used a hybrid of Waterfall and Incremental model as the Software Development Life Cycle. C is known for its performance efficiency. It provides a good balance between high-level programming constructs and low-level operations, which allows for fine-tuned optimization of code.
- Used ECMA Script has evolved through multiple versions, introducing new features and syntax improvements in each release.
- Used C language for performance efficiency. It provides a good balance between high-level programming constructs and low-level operations, which allows for fine-tuned optimization of code.
- Used Software systems are composed of multiple integrated components or modules, each designed to perform specific functions.

Environment: Visual Studio, C#, ASP.NET, ADO.NET, .NET Framework, HTML, DHTML, CSS, Web Forms, JavaScript, Microsoft, XML, Web Services, IIS, SQL Server, N-Unit, VSS, Crystal Reports 9, c language

Client: Infinite Technology Solutions, India   **Sep 2014 – Oct 2016**
Role: Software Developer
Responsibilities:
- Developed Web pages with **ASP.NET** using **JavaScript, Client-Side Validation, Server controls, HTML5 Controls, jQuery**, and **CSS**.
- Utilized **ASP.NET, C#, Service Oriented Architecture (SOA), Windows Communication Foundation (WCF).**
- Writing Complex Stored Procedures in SQL to pull data from DB2 and Oracle.
- Involved in Database Designing, Views and Stored Procedures in **SQL Server.**
- Created **Styles, Templates** in **Silverlight** in designing the UI with XAML.
- Developed and used various Web forms, Custom Controls and User controls using **ASP.NET**, **C#** and **JavaScript.**
- Implemented **Data Access layer**, Caching Application block, Application validation, Exception handling and logging components using Microsoft Enterprise **Library Application Blocks.**
- Using **MVC** architectures to developed web-based applications.
- Used **ASP.NET Server controls**, **User Controls** and **HTML controls**.
- Implementing the Object Relational Mapping using nHibernate.
- Worked on Data Warehousing, Data Marts, and BI, Planning, and ETL concepts.

Environment: C#, ASP.NET, MVC, XAML, Visual Studio, ETL, ADO.NET, Js, HTML, DHTML, XML, XSL, XSD, SOAP, Web Services, jQuery, nHibernate, Ajax, Oracle, SQL Server.