**PRUDVI RAJ MANUKONDA Phone**: **+1** **7324198474  
Professional Summary:**

* Over 7+ years of experience in requirement analysis, and development testing using **C#, .NET, and cloud technologies**.
* Utilized **Team Foundation Server (TFS)** for version control and source code management.
* Implemented **Git** version control through **Azure Repos** within **Azure DevOps**.
* Collaborated with cross-functional teams to deﬁne eﬀective branching strategies, **code reviews**, and deployment practices.
* Leveraged **Azure Boards** in **Azure DevOps** for task tracking and project transparency.
* Utilized **Azure** Pipelines for continuous integration and automated deployments.
* Proﬁcient in creating scalable APIs and services using **.NET Core**, **Entity Framework**, **SQL Server**, and **MongoDB**.
* Hands-on experience with **T-SQL queries**, **complex joins**, **stored procedures**, and **database tuning**.
* Managed databases including **SQL Server**, **MySQL**, and **NoSQL** databases.
* Implemented **ReactJS** with **TypeScript**, **Redux**, and **Jest**, creating dynamic user interfaces.
* Built cross-browser compatible applications using **jQuery**, **HTML5**, **CSS3**, **Kendo UI**, **JavaScript**, **AJAX**, and **JSON**.
* Implemented **Object Oriented Analysis and Design** **(OOA & OOD)** and **Service Oriented Architecture (SOA)** methodologies.
* Experience in **MVC** architecture with **ASP.NET Core**, **Dependency Injection**, and Entity Framework.
* Integrated user authentication and authorization using **JWT Tokens** for enhanced security.
* Integrated third-party **API** like **Google Login**, **Google Maps**, and **Dwolla**.
* Experienced in **RDBMS** concepts, database design, data mapping, table normalization, and data modeling.
* Utilized **Language-Integrated Query (LINQ)** for eﬃcient data retrieval from various sources.
* Deployed, conﬁgured, and maintained websites and services on **IIS**, including **SSL** conﬁgurations.
* Experience in deploying applications on **Microsoft Azure Cloud**, utilizing **Azure services** for improved scalability and reliability.
* Excellent in quickly understanding any Business Process Logic and in adapting new technology as required and thoroughly mastering them with a keen awareness of new industry developments.
* **Highly** **creative** and **articulate**. Can adapt quickly to rapidly changing conditions. Strong teamwork orientation and the ability to foster collaboration within and across teams.
* Creating Unit Tests and supporting Integrating Testing, Regression testing, System testing for the enhancements and new developments. Involved in **Unit testing (Nunit)**, Build and integration testing for the interfaces.
* Involve in code review and performance improvement as well as documentation. Maintaining clean code by following code standards and working with best practices of **GIT**.
* Solid understanding of so ware engineering principles and best practices, including **object-oriented programming**, **design patterns**, and **SOLID principles**, and experience applying them in **.NET** React projects.
* Azure Storage development and design utilizing **Blobs**, **Pages, Queues, Tables and VM's**. Setup repos on **Azure GIT**, merging code from develop branch to master branch and make it ready for deployment.

**EDUCATION**

Masters in Computer Science GOVERNORS STATE UNIVERSITY, University Park Chicago, Illinois, USA.

BTech in Computer Science, JNTU Hyderabad, Telangana, India.

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| |  | | --- | | TECHNICAL SKILLS | | Programming Languages  & Skills C#, Java script, Typescript, Python | | Databases SQL server, My SQL, MongoDB | | Frameworks / Libraries .Net core, ASP.NET Framework, WCF, .Net Core MVC, LINQ, ADO.Net, Dapper, React JS, JQuery, Bootstrap, Redux, Enzyme, MSTest, NUnit, xUnit | | Web Skills Html, CSS, XML, JSON, Rest APIs, SSH, JWT, Ajax, | | Message Brokers Azure Service Bus, RabbitMQ | | Tools Vs Code, Visual Studio, SSMS, phpadminer, Robo 3T, Postman | | CI / CD Git, Git hub, Gitlab, Jenkins, Docker, Azure, Azure TFS AWS | | Integrations Identity Framework, Google Login, Google Maps, JWT, OAuth, S3, Dwolla (payment Gateway) | |  | |

# PROFESSIONAL EXPERIENCE

# Client: Morgan Stanley, Chicago, IL Feb 2023 – Present

**Role**: **Full Stack .Net Developer**

# Description: Our team at Morgan Stanley is spearheading transformative enhancements in critical applications, leveraging the power of the .NET tech stack. From revolutionizing payment management to optimizing billing and rates, our focus is on seamlessly integrating modern technologies for unparalleled efficiency.

# Responsibilities:

* Enhanced **.NET applications for payments, reconciliation, bills, and rates** at Morgan Stanley using the .**NET Framework**.
* Integrated modern technologies, including **.NET Core and ASP.NET**, within the **.NET Framework** for seamless process integration.
* Developed and maintained **.NET**-based solutions for **Power BI** reporting, incorporating **React JS, TypeScript, and Bootstrap.**
* Contributed to the adoption of **DevOps** practices at Morgan Stanley by utilizing **.NET and Docker** for automated deployments, following **Agile** methodologies.
* Designed and implemented dynamic web applications using **.NET, React JS, TypeScript, and Bootstrap** for enhanced user experiences.
* Contributed to the development of serverless applications within the **.NET ecosystem, leveraging AWS Lambda**.
* **ASP.NET MVC Razor** adheres to the Model-View-Controller pattern, dividing applications into model (data and logic), view (user interface), and controller (user input handling and model updates)
* **Razor** is a markup syntax in **ASP.NET MVC**, allowing seamless integration of server-side code with **HTML** markup, simplifying the creation of dynamic web pages.
* **ASP.NET MVC** employs a routing mechanism to map **URLs** to controller actions, resulting in clean and user-friendly **URLs**, enhancing the overall user experience.
* Created and maintained technical documentation, including prototypes, based on business requirements, using documentation tools like Markdown and prototyping tools.
* Optimized **.NET** applications for improved performance by incorporating strategies such as lazy loading and code splitting.
* Collaborated within a team environment, actively participating in **Agile (SCRUM)** processes for efficient project execution.
* Automated deployments using **.NET, Docker,** and **Agile** methodologies for streamlined development processes.
* Implemented a microservices architecture in .NET applications for scalability and improved modularization.
* Introduced caching mechanisms, such as **Redis and Memcached**, for enhanced application response time in .NET solutions.
* Integrated security best practices into **.NET** applications, utilizing frameworks like Identity **Server and OAuth**.
* Implemented real-time communication in **.NET** applications through technologies like **React JS for dynamic frontend** interactions.

**Environment:** .NET Framework, .NET Core, ASP.NET, React JS, Angular JS, C#, TypeScript, HTML, CSS, Bootstrap, AWS Lambda, Amazon Web Services (AWS), SQL Server, Redis, Containerization and Orchestration: Docker, DevOps, Continuous Integration (CI), Continuous Deployment (CD), Jenkins, Azure DevOps, Agile (SCRUM), Lazy Loading, Code Splitting, IdentityServer, OAuth, Serilog, Application Insights.

**Client**: **ITILITE Pvt ltd**, **India** Aug. 2021 - Jul. 2022

**Role: Software Engineer**

**Description:** **Itilite** helps handle a groundbreaking travel and expense management solution that not only integrates seamlessly but also transforms the corporate spending landscape. Its primary focus is on ensuring the safety and satisfaction of employees, setting a new standard in efficient business travel processes.  
 **Responsibilities:**

* Utilized **Azure DevOps** for streamlined collaboration, version control, and **CI/CD** workﬂows.
* Reviewed code to ensure compliance with standards, resulting in production-ready branches.
* Integrated **Azure** Pipelines to automate build, test, and deployment processes.
* **Leveraged Team Foundation Server (TFS)** for version control and source code management.
* Implemented various authentication and authorization mechanisms in **React** and **.NET**, such as **JWT-based** authentication and role-based authorization, using libraries such as **React** auth kit and **Identity Server**.
* Excellent knowledge of **Delegates**, **Interfaces**, User Controls, and **Custom Controls** in **C# .Net**.
* Used **Microsoft Entity Framework Code First approach** for the Data Access Layer for the ASP.NET MVC.
* Used Conﬁdential service for retrieving the data from other enterprise applications.
* Involved in Implementing **Service Oriented Architecture (SOA)** and used Conﬁdential and **REST services** to expose business logic as services and consumed those services.
* Developed **SQL Server** stored procedures that are used as a standard template for bug ﬁxes and production issues.
* Responsible for supporting, production, and application by resolving user issues or identifying technically sound workarounds to allow users to bypass bugs and defects in the system.
* Solid understanding of so ware engineering principles and best practices, including **object-oriented programming**, **design patterns**, and **SOLID principles**, and experience applying them in **.NET** React projects.
* Learn, help design, and implement applications across business process solutions.
* Worked on **LINQ** to **SQL** for querying data from the database and for inserting and updating templates and cases into the database.
* Designed and maintained relational databases using **SQL Server**. I have created and maintained database schemas, written complex queries, and optimized the database to ensure optimal performance

**Environment**: C#, ASP.NET Core, WEB API, Entity Framework Core, React, Redux, Typescript, Jest, SQL Server, IIS, JavaScript, HTML, OAuth, Azure Cloud, GIT, Visual Studio, Visual Studio Code.

**Client**: **INTELLIROSE Pvt ltd**, **India** Aug. 2019 - Aug. 2021  
**Role: Jr. Software Developer**

**Description: IRSLogics** simplifies tax resolution management. Manage accounts, generate IRS forms, monitor billing, and boost ROI from anywhere with our user-friendly platform. They make IRS rules straightforward for their clients.  
  
**Responsibilities:**

* Proﬁciently utilized **MongoDB** Transactions to ensure data consistency and transactional integrity in multi-document operations.
* Leveraged **MongoDB Atlas**, the cloud-hosted database service, along with its **.NET driver**, to develop scalable, high-performance cloud applications.
* Proﬁciency in using **MongoDB Atlas**, the cloud-hosted database service, and its .NET driver to build scalable, high-performance applications in the cloud.
* Implemented and maintained the system's private package node modules for the front end, which were reused across multiple repositories and ensured reusability.
* **Google Maps** and libraries included **locations**, **geometry**, and a **depiction** of it were utilized.
* Reduced the number of calls between the server and the client, as well as the number of connection establishments between the server and the database in a particular context.
* Worked on **.NET Security features** such as **Authentication** and **authorization**, **Forms-based Authentication**, **Authorizing Users**, **Roles**, and User Account Impersonation.
* Used Conﬁdential service for retrieving the data from other enterprise applications.
* Responsible for various applications built with ASP.NET, C#, **Web API**, HTML5, CSS3,

JavaScript, **ReactJS**, **Redux**, **Jest**, **Bootstrap**, and reusable components Design, **Coding/Development**, and **Testing**.

* Responsible for checking cross-browser compatibility and hence worked on diﬀerent browsers like **Safari**, **Opera**, **Firefox**, **Google Chrome**, and **Internet Explorer**.
* Participated in **agile** development processes, such as **Scrum** or **Kanban**, working closely with **product owners**, designers, and **QA** engineers to deliver high-quality so ware on time.
* Prepared complete documentation of **Google Maps** documentation accomplished for the application to understand the conﬁguration and to quickly deep dive into the execution ﬂow.
* Experience in using the oﬃcial **MongoDB C#/.NET** driver to connect to **MongoDB**, perform **CRUD** operations, and interact with the database using **LINQ** queries.  
    
  **Environment:** C#, NET Core, HTML, CSS, JavaScript, ReactJs, ASP .NET MVC, Azure, Google Map documentation, Restful Web Services, SQL, Git hub, GIT, Jenkins, Robo 3T, MongoDB, MongoDB Atlas.

**Client: QUALTEK IT HUB, India July - 2016 - Aug 2019**

**Role: JR Software Engineer**

**Description:  
(Project 1):** LMS is a tool made for QualtekIT Hub employees. It helps manage leaves with different access levels for users, making the process smoother. The system also sends notifications to teams, improving communication within the company.  
**(Project 2):** Quick Move Technologies is an easy-to-use system for global freight forwarding businesses. It handles everything from tracking shipments to handling paperwork, all in one place. This project simplifies how freight businesses work, making management straightforward and efficient.  
  
**Responsibilities:**

* Worked on the conversion of **ADO.Net** to Dapper implementation to make the application lightweight and eﬃcient in design and improved performance in higher margins above 60%.
* Worked on ASP.Net Framework project comprising **JQuery Kendo UI Telerik** an application for design (Digital Signature) based on form-generated dynamic forms using XML automated.
* Used **JQuery AJAX** calls to retrieve data from the server for better performance asynchronously.
* Worked on signiﬁcant refactoring and testing to make sure not to disturb the existing ﬂow due to the conversion of **ADO.Net** and **Dapper**.
* Worked on routing to controller type using **MVC** Web APIs for reaching appropriate action in the web application.
* Experience in using **Kendo UI** to develop user interfaces for web applications using **HTML**, **CSS**, and **JavaScript**. This includes proﬁciency in using **Kendo UI** widgets like **grids, charts, and dropdown** lists.
* Proﬁciency in integrating **Kendo UI (Telerik)** with **ASP.NET** web applications, including using **Kendo UI** wrappers for **ASP.NET** controls.
* Proﬁciency in using Bootstrap to develop responsive web pages and integrate **KendoUI (Telerik)** widgets with Bootstrap-based layouts.
* Proﬁciency in using **LINQ** to query and manipulate data in **ASP.NET web** applications, including integration with **Kendo UI** grids.
* Added **Google** login to the application and improved the Login ﬂow and user-friendly login.

**Environment:** C#, ASP.NET Framework, Dapper, ADO.NET, HTML, CSS, JavaScript, SQL Server, XML Git hub, GIT, Jenkins, JQuery, Kendo UI telerik.