Vijaya Deepika Bhagati

**Software Engineer**

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# Professional Summary

* Experienced software developer with a 3.6-year track record in building web applications using by using frontend and backend technologies as a Software Engineer.
* Developed complex user interfaces with **HTML, CSS, JavaScript, Bootstrap, Angular-15** and **TypeScript**

ensured a user-friendly experience.

* Proficient in managing and optimizing relational Databases using **MSSQL Server,** with expertise in data

querying and performance tuning.

* Utilized **OOP's** (Object-Oriented Programming) principles in **C#** to design scalable and maintainable software, effectively implementing **Encapsulation**, **Inheritance**, **Polymorphism**, and **Abstraction.**
* Created and improved asynchronous **RESTFUl Web APIs** using **ASP** **.NET Core,** leading to better scalability and performance for the application.
* Skilled in using **IDEs** like **Visual Studio 2022** and **Visual Studio code** for Development.
* Developed and Maintained web applications using **ASP.NET CORE** **MVC** enhancing user experience and Performance.
* Familiar with the **Software Development Life Cycle (SDLC)**, focusing on Agile Practices.
* Knowledgeable in Version Control Systems like **TFS, Git, and GitHub**
* Experienced in API testing Utilizing tools like **Postman** and **Swagger**.
* Experienced in Conducting Unit Testing using **N- Unit** to ensure code quality and reliability, writing Comprehensive test cases to validate functionality.

# Technical Skills

**Language : C#, JavaScript, Typescript, LINQ.**

**Database**  **: MS SQL Server**

**Frameworks : ASP.NET CORE WEB API, Web API, ASP.NET CORE MVC,**

**ADO.NET ENTITY FREAMEWORK**

**Operating System**  **: Windows 10,11**

**Version control**  **: TFS, GIT AND GIT-HUB**

**UI Technologies**  **: HTML, Bootstrap, CSS**

**Testing**  **: N-Unit Testing**

**IDE'S**  **: Visual studio 2022, Visual studio Code**

# Work Experience:

* Since April 2021, I have been working as a software engineer at Intell Softech Private Limited in Hyderabad.

# Current Project:

## Project title : Pharmaceutical Core Itemization Management System. Role : Software Engineer

**Environment** : **ASP .NET Core Web API, ADO .NET Core Entity FrameWork, Angular 15**

# Project Description:

This project is designed to streamline operations for medical stores by automating the management of stock and accounting details. The Pharmaceutical Core Itemization Management System simplifies the workload for medical shop professionals by providing features for inventory and stock control, accounting, and client management.

As a versatile solution, this software is suitable for both retailers and wholesalers, facilitating the automation of record-keeping related to stock and cash flow. By transitioning from a manual chemist inventory system to an automated solution, the system helps organizations manage their records more efficiently and in a well- organized manner.

The software is user-friendly, catering to both beginners and experienced users. It boasts an intuitive and visually appealing interface, along with robust search, insertion, and reporting functionalities.

# Roles and Responsibilities:

* Design, develop, and maintain web applications using ASP.NET Core and front-end technologies.
* Design and manage SQL Server databases, writing efficient queries and stored procedures.
* Work closely with UI/UX designers to implement user-friendly interfaces.
* Collaborate with back-end developers to integrate services and data.
* Use Git for version control and participate in code reviews to maintain code quality.
* Write unit tests and perform debugging to ensure application functionality.
* Participate in daily stand-ups, sprint planning, and retrospective meetings.
* Stay updated with the latest industry trends and technologies in web development.

# Previous Project:

## Project title : Health Protection Systematization Role : Jr. Software Engineer

**Environment** : **Web API, ASP .NET Core MVC, J-Query, ADO .NET Core Entity FrameWork**

# Project Description:

The Hospital Management System is designed to streamline patient registration, organize their information, and facilitate computerized billing. This software provides an efficient search function for both patients and staff, allowing easy access to the current status of hospital rooms. Users can check the availability of doctors and retrieve patient details effortlessly. Access to the system is secured through a username and password, and only authorized personnel, such as administrators and receptionists, can input data into the database. The system ensures quick data retrieval and features a user-friendly interface, prioritizing the protection of personal information and enabling fast data processing. Specifically tailored for multispecialty hospitals, this system addresses a wide range of administrative tasks. It enhances hospital management by improving clinical process analysis and activity-based costing, ultimately helping organizations to increase efficiency and the quality of care provided.

# Roles and Responsibilities:

* Design, develop, and maintain web applications using ASP.NET Core and front-end technologies.
* Design and manage SQL Server databases, writing efficient queries and stored procedures.
* Work closely with UI/UX designers to implement user-friendly interfaces.
* Implemented MVC architecture, ensuring a clear separation of concerns for better scalability and Maintainability.
* Collaborate with back-end developers to integrate services and data.
* Use Git for version control and participate in code reviews to maintain code quality.
* Write unit tests and perform debugging to ensure application functionality.
* Participate in daily stand-ups, sprint planning, and retrospective meetings.
* Stay updated with the latest industry trends and technologies in web development.

# Educational Details

Bachelor's of Computer science from **Adikavi Nannayya University,** Completed in 2019.

## Place: Hyderabad (Vijaya Deepika Bhagati)