

Vinay Devarala

Software Developer



1 Year 8 Months



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Profile Summary

With 1 year 8 months of work experience, I have expertise in system analysis, design, development, and implementation of web-based software. Skilled in Microsoft .Net technologies like C#, .Net Core MVC, .Net Core Web API, AJAX, SQL server. Proficient in UI development using React, HTML5, CSS3, Bootstrap, JavaScript, JQUERY, JSON. Experienced in all stages of SDLC including Requirements, Analysis, Design, Development, Testing, Implementation, User Training, and Support. Strong in client interaction, understanding business applications, data flow, and data relations.



Key skills

- React
- HTML
- CSS
- Javascript
- jQuery
- JSON
- ASP.NET Web API
- ASP.Net MVC
- SQL Server
- Openid
- Oauth
- Jwt



Personal Information

City **Hyderabad**

Country **INDIA**



Languages

- English
- Hindi
- Telugu



Education

B.Tech/B.E., 2024

Gokula Krishna College of Engineering Sullurpet , Tirupathi , Andhra Pradesh

12th, 2020

Diploma, English

10th, 2017

Andhra Pradesh,
English



Work Experience

Feb 2023 - Present

Software Developer

Freelancer

Restaurant Management System (RMS) is a comprehensive application designed to streamline the operations of restaurants, from small cafes to large dining establishments. The system enables the management of various restaurant functions, including table reservations, order management, kitchen and inventory control, billing, and customer feedback. Order Management: The system allows waitstaff to take orders electronically, ensuring accurate and efficient communication with the kitchen. Orders can be modified, split, or combined as needed. Table Reservations: Customers can make online reservations, and the system manages table availability in real-time, optimizing seating arrangements for maximum efficiency. Inventory Control: The application tracks inventory levels, generates alerts for low stock, and provides detailed reports on usage patterns, helping to reduce waste

and manage costs. **Billing and Payments:** The system supports multiple payment methods, including cash, credit/debit cards, and digital wallets. It also handles discounts, promotions, and loyalty programs seamlessly. **Kitchen Management:** Orders are sent directly to the kitchen display system, where they are prioritized and tracked, ensuring timely preparation and delivery to customers. **Customer Feedback:** The RMS includes a feedback module that allows customers to rate their dining experience, providing valuable insights for continuous improvement. **Reporting and Analytics:** The system generates daily, weekly, and monthly reports on sales, inventory, and customer trends, providing management with the data needed for informed decision-making. **User-Friendly Interface:** Designed with ease of use in mind, RMS features an intuitive interface that minimizes training time and enhances overall user experience. The Restaurant Management System is fully automated, helping restaurant owners and managers track and control every aspect of their business efficiently. With its robust features, it ensures smooth operations, enhances customer satisfaction, and ultimately contributes to increased profitability. **Complete SDLC,** which includes requirements gathering, analysis, design, development, implementation, enhancements, maintenance, support and defects fixing. **Developed and maintained Web API Core services:** Built robust and scalable APIs using .NET Core, ensuring secure and efficient data exchange between client and server. **Implemented client-side features using JavaScript:** Utilized JavaScript to create dynamic and responsive user interfaces, improving user experience and ensuring smooth interaction with backend services. **Wrote and optimized C# code:** Developed, debugged, and optimized server-side logic using C#, ensuring high performance, scalability, and reliability of the application. **Managed database operations using SQL Server:** Designed, developed, and optimized database schemas, queries, and stored procedures in SQL Server to ensure efficient data storage, retrieval, and manipulation. **Integrated API services with front-end applications:** Successfully connected and synchronized front-end components (JavaScript) with backend APIs and SQL Server databases, ensuring seamless data flow and accurate information display. **Ensured data integrity and security:** Implemented best practices for database security and integrity, including data encryption, user authentication, and role-based access control within SQL Server. **Collaborated with cross-functional teams:** Worked closely with designers, other developers, and stakeholders to translate business requirements into technical solutions, ensuring timely and accurate delivery of features. **Conducted code reviews and testing:** Participated in code reviews to maintain code quality and standards, and implemented unit and integration tests to ensure the reliability and functionality of the application across all components.



Projects

231 Days

Restaurant Management System

- Oversaw daily restaurant operations including order management, table assignments, cash handling, and report generation.
- Implemented efficient table management strategies resulting in a 15% increase in table turnover rate.
- Streamlined cash management processes, reducing discrepancies by 20%.
- Generated and analyzed reports to identify trends and optimize operational procedures.

320 Days

Pharmacy Medical Management

To streamline and optimize the management of pharmacy medical inventories, ensuring timely expiration in tracking, accurate quantity

control, and efficient day-to-day operations. Monitored and tracked expiration dates of all pharmacy medical products. Developed and implemented a system to alert staff of impending expirations. Coordinated the timely removal and disposal of expired products.