

Rajkumar Baddepuri

Professional Summary:

- Developed robust and scalable web applications using the .NET Core framework.
- Utilized React.js to build interactive user interfaces and enhance user experience.
- Designed and optimized SQL databases for efficient data storage and retrieval.
- Implemented front-end designs using HTML, CSS, and jQuery, ensuring cross-browser compatibility and responsiveness.
- Integrated RESTful APIs to enable seamless communication between different components of the application.
- Collaborated with cross-functional teams to gather requirements, analyze user needs, and deliver high-quality software solutions.
- Conducted code reviews and provided constructive feedback to team members for continuous improvement.
- Provided expert support and maintenance for Domain Controller & DNS, Additional Domain Controller, Active Directory, VPN, and Firewall
- Integrated & configured SMS, Email Automation, and other essential systems.
- Proactively monitored system performance, troubleshooted issues, and implemented necessary adjustments to ensure optimal functionality and security.
- Actively participated in Agile development methodologies to ensure timely delivery and alignment with project milestones.
- Worked as an Intern as web developer at SB Technologies during my graduation for 1 year.

EDUCATION:

Bachelor's degree in electronic and communication engineering:

National Institute of Technology Warangal (NITW) 2013 to 2017

PROJECTS:

Project #1

Project Name: iAssure – An Enterprise Audit Tool

Role: Senior .Net Core developer cum IT Security Manager

Environment: .NET Core, React, Web API, Bootstrap & SQL Server

Synopsis: iAssure web-based Auditing tool. It is built to address the end-to-end needs of process improvement initiatives – starting from inception to implementation. It helps in having efficient risk management and resourceful governance structure for a wide range of industries. In **iAssure**, audits can be created with pre-configured check list. Auditee fills the required data & uploads documents for Audit. Auditor verifies & raises nonconformance, if it's not meeting the standards. These non-conformances can be tracked and enable top management to take corrective actions.

Responsibilities:

As a Senior .Net Core Developer contributing to the iAssure Tool, my responsibilities encompassed the following:

- Collaborating with stakeholders to understand the diverse audit requirements across different departments and regulatory bodies.

- Participating in requirement gathering sessions to capture the specific needs and expectations for each type of audit.
- Contributing to the design and development of the iAssure Solution platform, ensuring flexibility and customization capabilities to accommodate various audit checklists.
- Implementing features and functionalities to support checklist-driven audits for customers, internal quality, certification agency, and compliance/regulatory audits.
- Integrating communication and collaboration tools to facilitate seamless interaction among auditors, auditees, and other stakeholders involved in the audit process.
- Designing and implementing reporting and analytics capabilities to provide insights into audit findings, trends, and compliance status.
- Created domain server names at Server end and updated at registrar end. Taken care of adding domain records at Server end and configuration management of iAssure Application.
- Ensuring the security and integrity of audit data through robust authentication, authorization, and data encryption mechanisms.
- Conducting thorough testing and quality assurance activities to validate the functionality, usability, and performance of the iAssure Solution platform.
- Providing technical support and training to end-users to enable effective adoption and utilization of the platform.

Project #2

Project Name : iTrend Mobile Application

Role : Backend Developer

Environment : Flutter, Node.JS, MySQL.

Synopsis : iTrend is a mobile application available on both Android and iOS platforms, developed using Flutter for the front end and Node.js for the backend. The application serves as a platform for live event streaming on mobile devices, offering features such as Snapchat-like functionalities, event scheduling, interactive live chat, and social engagement options like liking, commenting, and sharing.

Responsibilities:

- As the Backend Developer responsible for creating interactive REST APIs for the iTrend Mobile Application, my role involved:
- Understanding the functional requirements and architecture of the mobile application.
- Collaborating with the front-end developers to define API endpoints and data exchange formats.
- Designing and implementing RESTful APIs using Node.js, ensuring adherence to REST principles for stateless communication.
- Develop authentication and authorization mechanisms to secure API endpoints and user data.
- Integrating third-party services and APIs for additional functionalities such as event scheduling and live chat.
- Implementing real-time communication channels for live event streaming and interactive features.
- Designing data models and database schemas for efficient storage and retrieval of application data.
- Optimizing API performance and scalability to accommodate increasing user loads and concurrent requests.
- Implementing logging, monitoring, and error handling mechanisms to ensure system reliability and uptime.
- Collaborating with the frontend and mobile development teams to ensure seamless integration and functionality across the application.

Project #3

Project Name	: Advocate Diary
Role	: Full stack .Net developer, Network & DNS Manager
Environment	: Asp.NET MVC, Entity Framework, HTML, CSS, JQuery, WebApi, SQL Server
Synopsis	: Advocate Diary is an innovative electronic assistant designed to streamline the workflow of advocates by effectively managing their schedules, case details, and client information. The primary objective of the tool is to provide a user-friendly platform that assists advocates in organizing their work efficiently while ensuring timely reminders for upcoming dates and fee collections. The tool aims to be highly accessible, enabling advocates to access their information from anywhere at any time.

Responsibilities:

- As a team member on the Advocate Diary project, my responsibilities included:
- Collaborating with the project team to define project requirements and objectives.
- Participating in brainstorming sessions to generate ideas for features and functionalities.
- Contributing to the design and architecture discussions to ensure the scalability and usability of the application.
- Developing key components and modules of the Advocate Diary application.
- Implementing features related to schedule management, case tracking, and client information management.
- Integrating reminder functionalities for upcoming dates and fee collections to ensure timely notifications.
- Conducting thorough testing and debugging to identify and resolve any issues or bugs.
- Providing support during the deployment phase and assisting in user training sessions.

Project #4

Project Name	: MOSS – Microfinance' ERP
Role	: Backend Developer cum DNS Manager
Environment	: ASP.NET And SQL SERVER.
Synopsis	: As a team member contributing to the development of this cloud-hosted loan management solution, I focus on backend development and product integration tasks. Leveraging the capabilities of the .NET framework, the solution provides lending organizations with a configurable and scalable ERP system. Key features include loan product management, AP/AR ledger management, integrated KYC and credit history management, as well as the full lifecycle of loan management from application to dunning. Our solution ensures simplicity, security, and scalability for organizations of all sizes.

Responsibilities:

- As a team member, my goal is to contribute to the successful development and deployment of this cloud-hosted loan management solution. my role involved
- Develop backend services using the .NET framework, ensuring robustness, reliability, and performance.
- Implement unit tests to validate the functionality and correctness of backend services, ensuring high code quality and stability.
- Collaborate closely with the Team Lead and other team members to understand project requirements and priorities.
- Follow task assignments provided by the Team Lead, focusing on delivering assigned features and functionalities within specified timelines.
- Integrate different components of the product to ensure seamless communication and functionality across the system.

- Debug errors and issues reported during testing and deployment phases, troubleshooting and resolving issues promptly.
- Ensure adherence to coding standards, best practices, and security guidelines throughout the development process.
- Work closely with frontend developers and other team members to coordinate feature implementation and integration efforts.
- Stay updated with emerging technologies and industry trends related to .NET development and loan management solutions, contributing to the continuous improvement of the product.

TECHNICAL SKILLS:

Programming Languages : .NET Core, Node JS, Python, JavaScript.

Web Technologies : React JS, HTML5, CSS3, jQuery.

Mobile Technologies : Flutter (Android & iOS)

Database Management : SQL Server, MySQL, NoSQL database (Mongo DB).

Web Services : RESTful API, Microservices

Version Control : GIT, DevOps

IT Infrastructure : DNS management, VM creation, Security related tools (Paid/Free version)