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FULL STACK .NET DEVELOPER

Professional Summary:

- Experience in IT, primarily focused on development of Web and Window based applications using .NET technologies, along with strong knowledge in object-oriented applications.
- Expertise in developing user-friendly web interfaces using HTML, AJAX, JavaScript, CSS, Bootstrap.
- Experience in creating Web applications using ReactJs.
- Implement backend services in Web API that delivers JSON data via API.
- Extensive knowledge of **C# object-oriented programming** language concepts like Abstraction, Polymorphism, Inheritance and Encapsulation.
- Experience on implementing existing web application with RSA authentication as a part of multifactor authentication.
- Extensive experience in programming in PL/SQL, Oracle - Stored Procedures, User-defined Functions, Triggers, Indexes, Common table expressions, optimization, Joins and Views.
- Work with database performance tuning and query optimization.
- Work with different bug tracking and version control systems like Team Foundation Server.
- Experienced in Documenting, Preparing Test Plans, developing test cases using Nunit and Testing.
- Implement backend services in Web API that delivers JSON data via API.
- Ability to work in a team and as an individual with minimal supervision.
- Experience in Code reviews, fixing defects and enhancing application performance.
- Good team player with excellent communication & interpersonal skills and an ability to work individually or as part of a team; quick learner in adapting new technologies that improve the business.
- Experience in bug tracking, issue tracking using **JIRA**.
- Worked with different geographical teams playing onsite/offshore coordinator.
- Implementation of Web, Windows and distributed applications using **Agile** methodologies.
- Extreme proficiency in Cloud Computing embracing Azure IaaS, PaaS, based on offerings leveraging Windows Azure, Agile project management.
- Hands-on experience in deploying applications to **MS Azure** Private Cloud and Good Experience in **TFS** Branching and Merging.
- Good knowledge of Principles and Design patterns like **Singleton**, Dependency Injection, IOC, Factory etc.
- Extensive knowledge on Agile methodologies as software development approach throughout my career for project management services.
- Experience in working with IIS, creating and configuring the virtual directions map them to physical folders.
- Collaborated with ASG and security teams: Worked closely with the Application Security Group and security experts to identify, assess, and address security vulnerabilities in applications

- Utilized security tools and conducted thorough analysis: Leveraged tools such as HP Fortify, Black Duck, and Veracode to perform comprehensive security assessments, identifying vulnerabilities such as HTML injection, SQL injection, Cross-Site Scripting (XSS), and more. Conducted in-depth analysis to understand the root causes of vulnerabilities and devised appropriate remediation plans.

EDUCATION

The State University of NewYork at Buffalo   **Aug 2022-June 2023**

Master's in Management information systems

JNTU Hyderabad, India   **June 2012 -May 2016**

Bachelor's in Electrical and Electronics Engineering

TECHNICAL SKILLS

Programming Languages	C#, VB.Net
Web Development	ASP.NET Core 6.0, Asp.Net MVC 4.0-5.0, ASP.NET WEB API, .Net Core, JavaScript, XML, HTML5, CHTML, CSS3, AJAX,
Web server/Application Servers	IIS, Azure Devops
JavaScript Libraries	jQuery, JSON, Bootstrap, JavaScript, React JS
.NET Framework/Libraries	.NET 3.5-4.8, ADO.NET, LINQ, EF 6.0
IDE	Visual Studio 2012,2013, 2015, 2017,2019,2022
Design/Architecture	MVVM, MVC
Database	MSSQL Server, T-SQL/SQL Server (2005/2008/2012/2014), SSMS2019, Oracle, SSRS, SSIS
Cloud	Azure
CI/CD Tools	TeamCity, Octopus, Jenkins
Other	Agile, Coded UI Automation testing, REST, SOAP, Web API, MS Excel, TCP/IP, LINQ, Entity Framework, TDD, Windows

Professional Experience

Virtusa Services-Pvt Ltd.   **Jan. 2022- Jul. 2022**
Senior Software Engineer, Hyderabad, India
PayCor- SelfService Integration
The Primary purpose is to provide a web application for maintaining the payroll system and better people management using self-service integration application. Collaborate with business decision makers and other developers to solve business needs using the best practice technology and tools. Creating new endpoints(for interaction between UI and database. Also do all the filtrations for the user logged is trying access the data), creating new features in the UI using react. Implementing new UI pages.
Responsibilities:

- Developed an integrated self-service web application payment system, with the latest technologies such as **.NET Core 3.1, ReactJS, SQL, Web API 2, JWT Token, Swagger, and Postman, azure function, azure triggers.** By utilizing Azure as a SaaS platform. The system's enhancements have led to a significant increase in operational efficiency, resulting in a **7% improvement** in the user experience for administrators and employers.
- prompt knowledge transition for new staff members with a hands-on training method, practicing tasks and processes in a simulated or controlled environment (Dev environment). This approach allows them to gain practical skills and familiarity with the system, retention reducing training time, and ultimately contributing to increased team **productivity by 10%.**
- **Led a Scrum team** of seven, ensuring efficient sprint execution by managing the sprint backlog and ensuring adherence to **'The Definition of Done.'** Worked closely with the Scrum Master through diligent tracking of **Jira boards from the sprint backlog, delivering high-quality** outputs. Achieved timely project completion, **reducing time-to-market by 4% and enabling faster ROI**.
- Worked on various **SQL queries, functions, store procedures** to update/Change the data in backend based on the application functionalities.
- Additionally, promptly resolving production issues during client transitions to the new interface by giving continuous troubleshooting, debugging, supporting and mitigating potential business disruptions, which enhanced the overall customer experience **by 6%.**
- Involved in rendering custom HTML tags using React.js.
- Developed ASP.NET Core Web API based on departmental requirements and specifications.
- Implemented **JWT Token** based authentication to secure the **ASP.NET Core Web API** and provide authorization to different users.
- Implemented various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager).
- Takes the lead responsibility for the delivery of Data Migration Services: analysis, design, implementation, testing, validation, and acceptance by all parties.
- Responsible for unit test, code integration, code release to test and production environment.
- Wrote Complex stored procedures, triggers, cursors using SQL Server.
- Created and modified CSS style sheets to make the UI look consistent across the application.
- Analyzed business, functional, and technical requirements to make sure project met expectations.
- Work with users to understand business needs and develop business and technical requirements.
- Identify support issues and initiate actions to resolve the problem.
- Provide feedback to management and clients on status, problems and solution and migrated various web applications.
- Working with multiple client teams and competing projects

Environment: Visual Studio (2017), Agile, C#, Coded UI, ReactJs, ASP.NET WEB API, .Net Core, HTML5, CSS3, Bootstrap, jQuery, Json, REST, XML, ASP.NET,SSMS, MVC, TDD, LINQ, JavaScript, Windows,Azure.

Fidelity Information Services   **June 2017-Jan2022**
Bangalore, India
Lead Software Engineer
➢ **BalanceTransfer**
BalanceTransfer is an application developed as middleware for other applications that facilitate secure transactions of amounts among different accounts. The application ensures proper validation and

compliance with business requirements to ensure smooth, secure financial operations among different regions(Base2000, TBS, Saint Pete).

Responsibilities:
- Design, develop, and maintain the BalanceTransfer application using a stack of technologies, including C# 5, MVC 4, .NET 4.6, AngularJS, HTML, CSS, JavaScript, jQuery, and MS SQL.
- Implement account number masking and session management features to enhance the application's security and improve the user experience during transactions.
- Ensure all transactions adhere to proper validation rules and meet business requirements, guaranteeing data accuracy and integrity. Optimize the application code for performance to ensure efficient and responsive operation.
- Work closely with the project team, including other developers, testers, and stakeholders, to facilitate smooth project development and delivery. Prepare and maintain comprehensive documentation to support clear communication, easy maintenance, and future enhancements to the application.

Environment: AngularJS, HTML, CSS, ASP.NET mvc, T-SQL (stored procedures, functions, triggers), Entity Framework, Web Api, ajax, Java script, J-Query, SQL Server 2012, Visual Studio 2017, TFS.

➢ **eReports**

The eReports project is an application developed to generate reports for various clients. clients often require customized reports to meet their specific needs. The eReports application streamlines the report generation process and offers flexibility in generating reports in both PDF and text formats, depending on the client's requirements.

Responsibilities:
- I was responsible for monitoring and managing the file processing system, ensuring accurate generation of reports in various formats (PDF, DOC, Excel) based on configurations from .dat files, and validating data and formatting for accuracy.
- Involved in tasked with verifying and updating configurations to align with client preferences, regularly reviewing and updating settings to accommodate changes in client requirements or system updates.
- Responsible for setting up a new server to host the eReports application and related services, configuring Internet Information Services (IIS) for hosting the eReports website, installing and configuring required Windows services (Preprocessor, GlobalFileWatcher, K1Off), and updating the Oracle password and PDF licenses for security compliance.
- Handled database scripting for the new server to ensure data integrity and consistency, sets up the Oracle client 11g for connectivity with the Oracle database, configures the firewall to enable communication with SQL and Oracle servers, and performs connectivity checks to verify server connections.
- Responsible for updating licenses and passwords on the new server to ensure proper functionality and compliance, verifying that all licenses are valid and in line with licensing agreements.

Environment: web forms, ASP.NET, T-SQL (stored procedures, functions, triggers), oracle , Entity Framework, Web Api, windows services, XML, Java script, J-Query, SQL Server 2010, Visual Studio 2012, TFS.

➢ **QAS(Quarterly assessment system)**

The project involved actively processing and sending reports with new data to clients based on their requirements. It included file processing from different regions (Base2000, TBS, Saint Pete) and generating triggered and processed files. The team also developed new application features, maintained user details, and upgraded the legacy report-generating application (QAS) using modern technologies for enhanced performance and user experience.

Responsibilities:

- Actively processed files from different regions and implemented report generation functionalities based on client requirements, ensuring accurate and timely delivery of data to clients.
- Led the end-to-end development of various application modules, incorporating new options as per client specifications and enhancing user mapping journey to improve user experience.
- Successfully migrated the legacy report-generating application (QAS) from VB code to modern technologies, including ASP.NET Core 3.1, Web API 2, ReactJS, and T-SQL. This upgrade led to improved user interaction, faster SQL transactions, and efficient file handling.
- Implemented efficient session management techniques to optimize user manoeuvrability and ensure smooth user experiences throughout the application. Developed strategies to optimize SQL transactions and file handling processes, resulting in improved application performance and reduced response times.
- Worked on data extraction, loading and transformation (cleaning, aggregation, and merging data) Using **SQL Server Integration Services (SSIS).**
- Produced reports with graphs, charts from different source (**database, xml**) using **SSRS (SQL Server Report Services)**.
- Developed functionality to write data into .csv and .xlsx (Excel) files, enabling clients to easily export and analyse their data.
- Worked closely with clients to understand their specific report and data processing requirements, ensuring that the application met their needs. Maintained thorough documentation of the application's codebase, functionalities, and configurations for future reference and knowledge sharing.

Environment: HTML5, Bootstrap, CSS3, ASP.NET Core 3.1, Web API 2, ReactJS, and T-SQL (stored procedures, functions, triggers), Entity Framework, SSIS(**SQL Server Integration Services**), SSRS(**SQL Server Report Services**),Web Api, Swagger, XML, Java script, J-Query, SQL Server 2010, Visual Studio 2012, TFS.

➢ **FISLoginGateWay(Multifactor Authentication)**

The project involved enhancing the security of multiple applications by implementing Multifactor Authentication (MFA) using RSA technology. Initially, the applications shared a common login system with basic authentication based on user credentials. However, to meet the business requirements for increased security, MFA was introduced to add an extra layer of verification.

Responsibilities :

- **Requirements Gathering and Stakeholder Collaboration:** Collaborate with stakeholders to understand the business requirements and security goals for implementing MFA. Gather the necessary information to design an effective MFA solution tailored to the organization's needs.
- **MFA System Architecture Design:** Design the architecture of the MFA system, ensuring seamless integration with existing applications while maintaining security and scalability. Select appropriate technologies such as VB.NET, ASP.NET, ASP.NET MVC, RESTful API, and RSA for implementation.
- **MFA Implementation and Integration:** Configure existing systems to integrate MFA functionality, allowing users to enable and use RSA-based MFA for authentication. Develop the logic for generating and verifying time-sensitive OTPs based on the RSA approach.
- **Security Testing and Documentation:** Conduct security testing and code reviews to identify and fix vulnerabilities in the MFA implementation, ensuring robust protection against security breaches. Create detailed technical documentation, including design specifications and implementation details, to guide the setup and usage of MFA.
- **Deployment, Monitoring, and User Support:** Manage the deployment process to roll out the MFA solution to production environments, coordinating with relevant teams. Monitor the performance of the MFA system and promptly address any issues or performance bottlenecks. Provide user training and support to assist users with MFA setup and usage, addressing any queries or issues that may arise.

Environment: HTML,CSS, ASP.NET, ASP.NET MVC, JavaScript, VB.NET, RSA libraries, Web Api, Postman, Windows Services, XML,JSON, J-Query, SQL Server 2010, Visual Studio 2012, Visual Studio 2019, TFS.

➢ **CardActivation**

As a developer collaborating with the ASG and security team to address and mitigate security vulnerabilities in application.

Responsibilities:

- Conducted thorough assessments using security tools like HP Fortify, Black Duck, and Veracode to identify security vulnerabilities present in the applications.
- Addressed various vulnerabilities such as HTML injection, SQL injection, Cross-Site Scripting (XSS), and input validation issues by implementing appropriate fixes and security patches.
- Ensured that encryption methods used in the applications were up-to-date and complied with industry best practices for securing sensitive data.
- Reviewed and updated the coding standards in the applications to adhere to secure coding practices, reducing the risk of introducing new vulnerabilities.
- Implemented server-side security checks to validate and sanitize user inputs, preventing potential security exploits.
- Acted upon the results of penetration tests, addressing and resolving the identified security weaknesses and flaws to strengthen application security.
- Proactively updated third-party libraries and dependencies to the latest secure versions, mitigating potential security risks associated with outdated or vulnerable libraries.
- Ensured that the applications complied with licensing requirements for third-party components and libraries, avoiding legal issues and ensuring a secure and compliant software environment.

Environment: c#, asp.net mvc, asp.net, J-Query, JavaScript, SQL Server 2008, Visual Studio 2012, TFS, ASG Team, Pentest Team, HP Fortify, Black Duck, and Veracode.

VAAYUJA info Solutions Pvt Ltd.   **Jul.2015-Jun.2017**
Software Engineer, Intern, Hyderabad, India
Responsibilities:
- Interacted directly with end-users to understand their business processes and application requirements, ensuring that the final product meets their needs effectively.
- Designed and developed Web Forms and Web Services using C#, ASP.NET MVC, creating user controls and Master Pages to maintain a consistent layout across the application.
- Implemented web pages using MVC, C#, CSS, JavaScript, and jQuery to deliver responsive and interactive user interfaces.
- Implemented both client-side and server-side validations to ensure data integrity and enhance user experience, using JavaScript and jQuery for client-side validations and LINQ for server-side validations.
- Created database tables, stored procedures, functions, views, and triggers in SQL Server 2008, utilizing LINQ for querying objects and extracting information from the databases.
- Utilized various ASP.NET Web Controls such as Dropdown List, List Box, Textbox, and Grid View to handle user input and display data efficiently.
- Leveraged AJAX, jQuery, and HTML in combination with MVC views to enhance the user interface and provide a seamless user experience with asynchronous data retrieval.
- Handled all aspects of web application development, including maintenance, testing, debugging, and deployment. Conducted unit testing and final testing to identify and fix bugs throughout the development lifecycle.

Environment: c#, asp.net mvc, asp.net, Html, Css, J-Query, JavaScript, SQL Server 2008, Visual Studio 2012, TFS.