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GAYATHRI IKKURTHI

**Summary:**

Over 7+ years of experience in designing, developing, and testing 3 – Tier Client/Server web-based applications. Software and Database Engineer committed to maintaining cutting edge technical skills and up-to-date industry knowledge. Broad industry experience in full stack development. Technical expertise in the Software Development Life Cycle (SDLC) with strong skills in .net and Microsoft stack.

**Skills:**

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| **Programming Languages** | C#, HTML5, CSS3, JavaScript, TypeScript, AngularJs, Angular2, and Angular4. |
| **Software Frameworks** | .NET 4.5+, .NET Core, JavaScript AJAX, jQuery, Kendo UI, Kendo UI for jQuery, Kendo UI for Ajax, Telerik UI for MVC, Telerik UI for jQuery |
| **Architecture** |  Model View Controller (MVC), 3- Tier Architecture .Microsoft Stack: C#, .NET Framework, .NET Core, TypeScript, ADO.NET, Entity Framework, WCF, WebAPPS, SQL, SSIS, SSRS, LINQ, Lambda, IIS, Web Services |
| **Microsoft Stack** | C#, .NET Framework, .NET Core, TypeScript, ADO.NET, Entity Framework, WCF, WebAPI, SQL, SSIS, SSRS, LINQ, Lambda, IIS, Web Services |
| **Integrated Development Environments** | Visual Studio, SQL Server Management Studio, MySQL, Postman, IIS Server. |
| **Database and Cloud** | MySQL, Microsoft Azure Devops. |
| **Versioning Tools** | Team Foundation Server (TFS), Tortoise GIT, Apache Subversion (SVN). |
| **Ticketing Tools** | Confluence, Jira, Azure Devops. Also used for repositories maintenance |
| **Software Development Methodologies** | Waterfall Model, Agile, Rapid Application Development (RAD). |

**Employment History and Work Experience:**

**Wipro / Client: DHL** September 2021 to March 2023

**Senior Project Engineer**

Hyderabad / Austin, TX

DHL is a logistics management company. The application that I have been working on is Starbroker, which mainly deals with airline procurement and planning of the transport and shipment. It focuses on network management and utilization.

**Responsibilities:**

* Involved in the development (Front end and back end), build and deployment activities, handling two modules independently for Starbroker
* Understanding the requirements and coding. Enhancing existing applications and adding new features in it using MVC.
* Interaction with the product owner for the requirements and analysis.
* Understanding the functionality and developing the new screens and features.
* Worked with new screens and changes in several existing screens in the UI.
* Created and altered stored procedures and respective API methods for several server calls.
* Used Azure Devops as a ticketing tool to log the product backlog items, along with the Tortoise Git tool to sync the repositories.

**Infosys / Client: Schlumberger** January 2020 to September 2021

**Senior Project Engineer**

Hyderabad

Schlumberger is an oilfield services company. The applications PRA and OPs Portal are used to assess the projects and tasks involved in finding the oil wells, the height of the well and the probability of the profit. There are questionnaires for each business line and the persons who are authorized will be able to answer the questions and mitigate the risk of profits from proceeding on the project.

**Responsibilities:**

* Individual team player handling the development (Front end and back end), build and deployment activities for the two applications PRA and Ops Portal.
* Understanding the requirements and coding. Enhancing existing applications and adding new features in it using MVC.
* Interaction with the client on the requirements
* Understanding the existing functionalities and implementing additional features.
* Worked with new screens and changes in several existing screens in the UI.
* Created and altered stored procedures to create a PRA and proceed on the analysis.
* Used the Azure Devops as a ticketing tool to log the product backlog items.
* Implemented unit testing for all the associated modules.

**Infosys / Client: Southern Company** March 2019 to January 2020

**Senior Software Engineer**

Hyderabad, India

Southern Company is one of the largest energy providers in the United States of America. The branch of it is Gas provisioning. Southern company provides the gas connections to the premises and does the inspection in regular intervals based on the equipment.

**Responsibilities:**

* Understanding the requirements and coding. Enhancing existing applications and adding new features in it using MVC.
* Understanding the existing functionalities and implementing additional features.
* Worked with new screens and changes in several existing screens in the UI.
* Created and altered stored procedures and jobs to create the orders and schedule jobs respectively.
* Implemented unit testing for all the associated modules.
* Worked on SSIS for data migration between the environments and the solutions.
* Wheels: April 2019- July 2020
* Senior Software Engineer
* Wheels, Inc. was established in 1939 as the world’s first automotive fleet leasing and management company. Eighty-two years later, Wheels is one of the largest privately held companies in North America, featuring a portfolio of more than 325,000 vehicles under management across the continent, capabilities in 56 countries worldwide, and a client base that consists of some of the best-known businesses in the world. The version of SQL used while creating the application was SQL 2005. The requirement is to change the version from SQL 2005 to SQL 2012.
* Upgraded the stored procedure from SQL 2005 to SQL 2012.
* Procedure analysis and necessary changes without impacting the business requirement.
* Created stored procedures for the enhancements in the application.

**Aspire Systems / Client: KVK** October 2017- February 2019

**Senior Software Engineer**

Hyderabad, India

KVK client provides corporate loans for its customers. In order to do so, analysis of financial details of the customers is carried out.This is a web application that captures complete financial information of customers and saves the data in the database. The web application is used by analysts and investors.Analyst collects complete financial information about the end customers necessary for providing loans like Credits, profits etc.This information is then shared with the investors who choose to invest in funds. The application has several modules like Customer Relationship Manager, agent, reports. The trading module is used for buying or selling of funds. The transactions are saved in database and there is no monetary transaction in this application.

* End to End development of new features and enhancements, with exception and error Logging, Unit testing, Build & Deployment and production support Activities.
* Requirement analysis and communication with clients.
* Code Review and testing of peer team members tasks.
* Developed new versions, used to involve in all the three tiers (UI, Middleware and Backend)
* Used WebAPI and tested using Postman tool.

**Aspire Systems / Client: KPMG Performance Improvement Analysis** January 2015 to September 2017

**Software Engineer**

Hyderabad, India

KPMG client offers Performance improvement Analysis tool to its customers to analyze the performance of the employees working with them. This web application used to collect the input from the employees and calculate the overall ratings. The ratings are shown in the form of the graphs, tables and charts. This application also gives email reminders for the employees to complete the process of feedback. On completing it the customers will get the final report.

* Understanding the requirements and coding. Enhancing existing applications and adding new features in it using MVC, JQuery. Bug Fixing
* Understanding the existing functionalities and implementing additional features.
* Worked with new screens and changes in several existing screens in the UI.
* Implemented unit testing for all the associated modules.
* Deployed the applications using IIS server.

**Education:**

* Bachelor of Technology from St. Ann’s College of Engineering and Technology, Jawaharlal Nehru University Kakinada.