SWETHA NAGPAL

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Summary

An **analytical Software Developer** with expertise in **.NET Web Application Development** and a passion for Software Development using **Object Oriented Design Techniques**. Extensive programming experience of **2years** using a wide range of technologies which includes C#, MVC, jQuery, javascript, LINQ, Responsive Web Design, Project Server Programming, and related technologies.

Proficient in all the aspects of **Software Development lifecycle**: encompassing analysis, design, development, and unit testing of business applications with expertise in **OO Development** and **Agile** practices.

A **highly motivated** individual always open to learning , able to **work in tight deadlines**, not easily effected by job stress and **communicate effectively** with technical peers and business users.

Technical Skills

- **Development Tools**   :   Visual Studio 2010/2012
- **Framework**   :   .NET Framework 4.0, Entity Framework
- **Architecture**   :   3-Tier, MVC4.0
- **Programming Languages**   :   C#, SQL
- **Web Technologies**   :   HTML/HTML5, CSS3, LINQ, PSI, Bootstrap, MVC Razor View
- **Scripting Languages**   :   JavaScript, jQuery
- **Development Methodologies**   :   Agile Scrum, Waterfall Model
- **Version Control**   :   TFS

Certifications

- Microsoft Specialist: Programming in C#
- Microsoft Certified Professional

Professional Experience

- Currently associated with **Infosys Technologies Limited** as **Systems Engineer** (June 2014-Present).
- **Intern** at **Infosys Technologies Limited** (Jan 2014-May 2014).

Education Qualification

- **Bachelors of Technology – Information Technology** from Sreenidhi Institute of Science and Technology with 82.99% (2010-2014).
- Senior Secondary in Science from Sri Chaitanya Junior Kalasala (A.P Board) with 95.4% (2008-2010).
- Secondary from St.Francis Girls High School (A.P Board) with 86.8%(2008).

Project Profile

Web BITS Rewrite

Web BITS is a **web based tool** to collect technical information for **Baker Hughes** bit performance in the field. Data collected from the field is utilized to provide sales, marketing, technical, and business intelligence. It is designed to capture a rich dataset of well information via comprehensive set of variables with an objective to improve the quality of bit records. It helps in analyzing bit performance and competitive market share.

Technologies Used:
- ASP.NET MVC, C#, jQuery, Bootstrap, Telerik, SQL, LINQ

Responsibilities as a Developer:
- Analysis of the existing application and its interface with other applications, its business impact and also additional features to enhance the functionality of the application.
- Requirement gathering and analysis from the Onshore and Customer's Functional Requirement Document.
- Analysis of the existing application's code structure, and migration of the application from ASP.NET 2.0 to ASP.NET MVC 4.0.
- Enhancing the User Interface by using Telerik and jQuery.
- Implemented Responsive Web Design by using Bootstrap so as to make the application UI respond to user's preference of devices.
- Involved in developing the Web Pages: Dashboard, Create Well, and Create Bits.
- Modifying the existing database tables and Stored Procedure to meet the requirements.
- Performed Unit Testing of the application and documented the results.
- Involved in Bug fixing as reported by the client and Testing Team.
- Provided support and maintenance during the production phase.
- Involved in developing the enhancements as suggested by the client after the production phase.

Awards and Achievements:
- Awarded **Infosys 'Bravo' Award** for being a quick-learner, adapting with the strict deadlines associated with the project and also for outstanding contribution to the project.
- Web BITS was awarded the **'Best Team' of the quarter** for its successful completion adhering to the sprint deadlines despite of many hurdles.

PWA:

Project Web App forms part of the **Project Server 2010** element of the Microsoft Project 2010 Enterprise Project Management solution. With the application, one can track and manage project demands, enter time sheet information and update the status of tasks that make up the overall project.

To improve the process maturity, project execution and adoption of PMO standards and templates, BHPB planned to uplift the existing Project Server 2010 by addressing the existing drawbacks of the current system and incorporating additional features so as to facilitate improved processes related to project submissions, assessments, accurate status tracking, document management and project closure.

Technologies Used:
- Project Server 2010, C#, jQuery, PSI, CSS3

Responsibilities as a Developer:

- Involved in Requirement Elicitation and Analysis by interacting with the users of the system and understanding their requirements.
- Designed, developed and delivered Project Detail Pages by using out-of-box Project Server functionality.
- Developed customized Project Detail Pages (PDP) by customizing the web-parts development using PSI, C# and jQuery.
- Enhanced the UI of PDP pages and project site using CSS3 and jQuery.
- Site template customization of Project Site's.
- Creating, designing and development of customized sub-sites which involved creating SharePoint Lists, and developing custom web-parts programmatically.
- Site Administration activities like user profile creation and maintenance, access rights to users, maintaining custom fields and look-up tables.
- Programmatically performing few tasks like checking out and checking in projects, performing CRUD operations on the custom fields and look up tables using PSI calls.
- Involved in Unit testing of the application.
- Provided trainings to the users on the enhanced features and usability of the application.
- Involved in warranty support activities and resolving the bugs as reported.
- Provided training to the support team on the Project Server out-of-box features and customized features developed to meet the requirements.

Awards and Achievements:
- Awarded as the **'Most Valuable Player'** for exceptional contribution to the project, quick learning of Project Server Programmability, and responding to the changing requirements of the customer.
- Published a **BOK (Book of Knowledge)** on **Project Server Programmability using .NET**.