**KARTHIK**

Email: karthik.369171@2freemail.com

**Profile Outline:**

An astute and a highly motivated professional with qualitative experience in IT industry, having 3 years relevant to program and multi-project management, handling business critical assignments with excellence.

* **3 years’** experience in **software development life cycle** (**SDLC**) with strong development skills and methodical aptitude with an innate ability in decision-making, coordinating and synthesizing data.
* Strong hands on experience with **Object Oriented Programming** (**OOPS**) Concepts including Inheritance, Abstraction, Encapsulation and Polymorphism. And also Expertise with **Algorithms** and Data Structures.
* Expertise in developing **web** based and **windows** based applications in **Visual Studio 2012/2015** using **ASP.Net MVC 5.0, C#.Net, LINQ, Web Services, JQuery, JavaScript.**
* Experience of working over 4 projects **from scratch to end**.

**Work Experience Summary:**

* Working with Cognizant Technology Solutions, since July 1st, 2014.
* Strong working skills in analytical, technical and developing systems using **CCPM (**Critical change project Management**), AGILE, WATERFALL**.
* Expertise in developing **web** based and **windows** based applications**.**
* Experience in **MVC 4.0/5.0** (Model View Controller) architectureand **MVVM**, **ASP.NET MVC framework**.
* Experience in using the **Telerik kendo UI, Syncfusion UI Controls**.
* Extensive knowledge in versioning tools like **Synergy, Team Foundation Server.**
* Experience in Database Analysis/Design/Normalization/Manipulation processes using **SQL Server 2008/2012.**
* Expertise in writing **test plans** covering all the possible scenarios and automate them at all levels of testing like **unit, integration, Functional, Compatibility**.
* Knowledge in designing Use-Case diagrams, Class diagrams, Interaction diagrams using Designer tools like MS Visio.

**TECHNICAL SKILLS:**

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| --- | --- |
| **ProgrammingLanguages** | C#.Net  |
| **.NET Technologies** | ASP.NET, MVC, Windows, WPF MVVM, ADO.NET, WCF, Microsoft Entity Framework, LINQ, MS unit test. |
| **Web Technologies** | ASP.Net MVC, JavaScript, JQuery, CSS/CSS3, HTML/HTML5, Bootstrap, UML, XML, Angular JS. |
| **Databases** | MS SQL SERVER 2014/2012/2008. |
| **Servers** | Windows, Microsoft IIS. |
| **Version Control Tools** | Team Foundation Server. |

**Work Career Specifics:**

**Project-1**

**Name : Built-In Data Support, IEW4.2.**

**Client :** Schneider Electric

**Tools :** Visual studio2012, TFS.

**Technologies** : C#, Winforms, ASP.NET MVC, SQL Server 2012.

**Project Objective:**

A cognizant Technology solution is Off-shore R&D centre for Schneider Electric USA .The Motive of the Project is to create a Demo-User for the application which enables the project engineers to understand the functionality and also helpful in demonstration of the functionality of workbench to end users without any pre-requisites to upload and commit/ pre- requisite environment.

**Project Description:**

-New project team cannot experience automation power of workbench unless they setup elaborated environment for their own projects, clean and upload all customer data, search and download right rules-templates, in Workbench. It creates hurdle to demo benefits of Workbench and hence in adoption.

-This Project will provide a pre-built “Demo Project” committed Versions and Default User as “Demo User” assigned as project engineer to “Demo Project” during server installation, so that any project engineer can login and use the configuration data to execute workflow.

-Hence, it will be useful to new project team members and for Demo Purpose.

**Responsibilities**:

* Followed **CCPM** methodology with daily standup meetings to discuss about the tasks progress and blockers. And used Vector-pro tool to keep track of project issues, tasks and bugs
* Developed web-centric applications using HTML and JavaScript as client side code and ASP.NET using C# to implement server side code.
* Used XML Serialization to transmit data between Server and Web application.
* Maintaining the version control of the project in Team Foundation Server (TFS) by merging the module developed with latest version in TFS.
* Created/written SQL Queries, Stored procedures, Triggers, joins to process large collection of information about licenses and enterprises, also SQL Commands and Dataset for retrieving data from database using SQL 2012.
* Involved in all progressions in CCPM.
* Test Driven Development for the better testing and maintenance of the application.

**Project-2**

**Name : Syncfusion Controls Replacement**

**Client :** Schneider Electric

**Tools :** Visual studio2012, TFS.

**Technologies** **:** C#, Winforms/WPF using MVVM, ASP.NET MVC, SQL Server 2012.

**Project Objective:** Motive of the project is to replace all the third party controls with custom developed user controls in entire application.

**Description:** Engineering workbench uses Syncfusion controls for UI representation. As Coded UI did not identify the controls architecture and its behavior to develop automation for the application, developed own custom controls using win forms / WPF based on the requirement and replaced all third-party controls from the application.

**Responsibilities:**

* Followed CCPM Methodologies, Involved in all the progressions of the CCPM (Four Progressions).
* Developed and implemented Hierarchical grid grouping custom controls for UI representation with WPF using MVVM.
* Replaced Synfusion basic controls like Grid, Buttons etc with WinForm controls.
* Used controls and other user-friendly mechanisms developed with Web-Custom Controls and User controls.
* Implemented Security Features using ASP.NET Login Controls, Personalization, Membership, Authentication and Authorization.
* Performed input validations on Web Forms using various .NET Validation Controls.
* Involved in using MVC pattern for both UI developments with JQuery and application development with C#.
* Used TFS for Version control.

**Project-3**

**Name : Migration of DES to AES encryption.**

**Client :** Schneider Electric

**Tools :** Visual studio2012, TFS.

**Technologies** **:** C#, Winforms/WPF using MVVM, ASP.NET MVC, SQL Server 2012.

**Description:** Engineering Workbench is a product of Schneider for which Secure Development Life cycle (SDL) activities and AES algorithm for password authentication were developed to ensure security of the application from all hacks.

**Responsibilities:**

* Followed CCPM Methodology, Daily Standup Meetings.
* Used c# 4.0 for the application development for AES algorithm.
* Design a Advanced AES algorithm with encrypting the password with salt bits and a unique Key to generate a dynamic encrypted password, vice versa of decryption.
* Directed the development team about the best practices of code development by ensuring security.
* Created a check list for SDL activities and directed the team to ensure every release meets all the requirements in the checklist.
* Designed, developed multiple modules using WinForms and WPF for click once stand alone application, Web application using .NET Framework (C#, ASP.NET) for the user interface (UI) with SQLite as database.
* Used visual studio static code analysis tools to ensure zero code warnings.
* Obfuscated all the possible dll’s which involve client interaction using .Net Reactor.
* Developed an application which automatically runs the MacAfee scan tool whenever a new build is generated, it provides details info about possible hacks and warnings.
* Removed all the generic exceptions in the application and provided specific exceptions.
* Used Team Foundation Server (TFS) as Source Control and Document management.

**Project - 4**

**Project Description:** CLASS-9561: MOL, Schneider Electric USA.

**Responsibilities:**

* To deliver the product IEW to client for every sprint.
* To work on the CR’s from Client side and to deliver a new version of Engineering Workbench.
* Develop new enhancements according to the requirement.
* Designed and developed rich and enhanced web pages using MVC 5.0, C#, Entity Framework, HTML 5 and CSS 3 as per client requirements.
* Developed the application using Visual studio 2012 and c# 4.0.
* Used XML to transfer data between the Client and Server.
* Designed and developed UI with ASP.NET MVC.
* Used JQuery and .NET Validation Controls for performing client-side validations.

**Environment:** .NET Framework 3.5, Visual Studio .Net 2008,2010, IIS 7.0, C#.NET 3.0, ASP.NET 3.0, ADO.NET,HTML, CSS, Bootstrap, JavaScript, WCF, SQL Server 20012, XML.

**Educational Qualifications:**

* Bachelors of Technology (B.Tech) – **Electronics and Computer Engineering** from Sreenidhi Institute of Science and Technology, Hyderabad, 2014 with **85%.**
* Intermediate (10+2) – Maths, Physics and Chemistry from Narayana Jr. College (State Board), Hyderabad, 2009 with 92%.
* SSC- Sri GuruDatta High School (State Board), Hyderabad, 2007 with 85%.

**Extra-Curricular Activities:**

* **Co-founder** of NGO Bachpan Bachao (Reg-856/2011) and Chairman of Senior Advisory Board (S.A.B).
* **Chief Event Organizer** for the mega fund raising event ‘Take a Pause Walk for a Cause’ of Bachpan Bachao.
* **Team Leader** of volunteers group in NSS Unit, SNIST and organized many events.
* Captain of my school **Kabaddi** team and achieved first place in district level kabaddi competitions.
* Achieved **AIR-436** in National level science talent search conducted by Vishwabharathy Foundation.

**Personal Profile**

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| Name | : Karthik  |  |
| Gender | : Male. |  |
| Marital Status | : Single. |  |
| Nationality | : Indian. |  |
| Language Known | : English, Hindi, Telugu. |  |

**Declaration**

I hereby declare that the information given above is true to best of my knowledge and I am ready to relocate to anywhere in India/Abroad.

**Date: 17-May-2017,**

**Place: Hyderabad. Karthik**