**Alok Kumar Singh**

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**SUMMARY**

* **4** years of hands on experience in Software development that includes requirements analysis, design, development, and implementation & testing.
* Currently working as a **Software Engineer** in Cyient Ltd. since July 2014.
* Experience in developing Web Applications with ASP.NET MVC with Knockout JS, JQUERY and Web Services.
* Good understanding of HTML Helper methods, URL routing, Authentication and Authorization.
* Good understanding on Entity Framework and LINQ.
* API development experience in C# / .NET.
* Designed, architected, programmed Win Forms, Web based Application and Libraries.
* Well hands on Client side scripting as well as server side scripting.
* In my experience I used MS-SQL Server 2008 & 2012 to store data.
* Also contributing in a Team of 35 members in my current organization
* Having best domain knowledge in Aerospace domain with Boeing client.
* Received 2 times Pride@Boeing award for my dedication and hard work to fulfil client requirements.
* Received various rewords for my creative ideas and initiatives towards cultural as well as professional events.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| Frameworks | Microsoft .NET 3.5, 4.0, 4.5 |
| Technologies | ADO.NET, ASP.NET, MVC , Entity Framework, |
| Languages & Scripting | C#, Html, CSS, JSON, Knockout Js, JQUERY, AngularJS |
| Tools | VisualStudio.NET, Visio, TFS, GIT |
| Services / Protocols | Web services, SOAP and HTTP. |
| Databases | SQL Server 2008 R2, 2012 |
| Operating Systems | Windows 7 / 8 / 10 / Windows Server 2012 |

**EXPERIENCE:**

Currently working from two year with Cyient Ltd.**,**Hyderabad, A.P.

Duration : 07/2014- Present

Position : Software Engineer L3

1.10 years experienced with **Optimas well Solution Pvt Ltd,** Bangalore.

Duration : 09/2012- 07/2014

Position : Associate Software Engineer

**PROFESSIONAL EXPERIENCE**

Project#1:

#### **Communication and status tracker**

URL : [www.boeing.com](http://www.boeing.com)

Client : Product Development

Duration : 09 Jul 2015 - Present

*Tools Used* : Asp.Net MVC, KNOCKOUT JS, MS Sql server, JSON, and CSS

Role& Team Size : Application Programmer with a team of 7 members.

Achievements : Got Pride @ Boeing award for the year 2015-2016.

Description:

Role Description: Handling change request parts and optimization part. This project is a challenging add on to my Work schedule.

Project Details: This project deals with all maintenance events occurs in Flight. Input is xml or xls, will validate against the schema and provides best reports after the validation. This is used for internal use for maintenance of data history and data migration tool.

Responsibilities:

* Implementation against security flaws.
* Involved In development for the first time and learned project experience.
* Creating Procedures for interacting with database.
* Create Sessions for storing user’s information.
* Unit testing and Developing Test cases easily understand by others.
* Prepared user manuals for the project.

Project#2:

#### **Project Tracker**

URL : [www.boeing.com](http://www.boeing.com)

Client : Product Development

Duration : 07/2014 – 06/2015

*Tools Used* : Asp.Net MVC, JQUERY, MS Sql server, JSON, and CSS

Role& Team Size : Application Programmer with a team of 5 members.

Achievements : Got Pride @ Boeing award for the year 2014-2015.

Description:

Role Description: Working with a team of four members as an Application developer. My responsibility is to directly report to client for all design and technical changes, also responsible for application related bugs and its possible solution.

Project Details: The web based Project Tracker application is used to track the status of Boeing projects carried out at Cyient. Project tracking tool includes the work flow management and project tracking which contains measuring and reporting the status of milestones, work assignments, tracking status of tasks and activities related to the on-going projects.

Technical skills are ASP.NET MVC, JQUERY, Teradata and MSSQL Server.

Responsibilities:

* Involved in optimization and enhancement team.
* Implementation against security flaws.
* Involved In development for the first time and learned project experience with BDD
* Creating Procedures for interacting with database.
* Create Sessions for storing user’s information.
* Unit testing and Developing Test cases easily understand by others.
* Prepared user manuals for the project.

**Project #3:**

|  |  |
| --- | --- |
| **Project Name:** | Online Shopping Cart |
| **Role** | Dot Net Developer |
| **Duration** | Dec 2013 to July 2014 |
| **Team Size** | 8 |
| **Environment** | C#, ASP.NET MVC,WCF, SQL Server, jQuery , jQuery UI and Ajax |

**Project Description:**

The basic idea is that customers can buy products using online,which is a Search engine provides the information about different products. Our system help customers purchase them online without having to visit the shop physically.

Based on our System , we have Three Modules

* Vendors
* Customers
* Admin

The Online Shopping system enables vendors to set up online shops, customers to browse through the shops, and a system administrator to approve and reject requests for new shops and maintain lists of shop categories. Admin can perform operations like add, search, delete the products in the database.

Our online shopping mall will use the internet as the sole method for selling goods to its consumers. Shopping will be highly personalized and the mall will provide lower prices than most competitors.

**Roles and Responsibilities:**

* Developed Web Applications and Involved throughout software development including design*,* coding, testing.
* Designed and implemented the front end interface using **ASP.Net MVC** and jQuery
* Worked with Models, Views and Controllers.
* Worked with **Razor** Syntax
* Implemented Ajax functionality using jQuery
* **EDM** is used to implement model class to communicate with Database.
* Developed and consumed different types of **WCFServices (SOAP,REST)**.
* Worked with **Fiddler2** to test WCF Rest Services.

**Project # 4:**

|  |  |
| --- | --- |
| **Project Name:** | Real Values (Construction) |
| **Role** | Dot Net Developer |
| **Duration** | Jan 2013 to Nov 2013 |
| **Team Size** | 6 |
| **Environment** | C#, ASP.NET, SQL Server |

**Description:**

The main aim of this project is developed for construction. Construction is having ventures. Previous day’s customer visits the venture physically then he booked the plot or villas. Now a day’s there is a chance to book the plot or villa through online. In our project we have developed the whole application with three modules. They are:

* **Admin**: He manages the agent & customer and also manages the all pages. He provides login details for agent.
* **Agent**: Agent logging the page according to his credentials and he updated the information about plots or villas.
* **Customer**: Customers visit the website and he watches the information about ventures then he booked the plot or villas according to his requirement.

**Roles and Responsibilities:**

* Gathered all requirements and specifications for Ventures.
* Designed user interfaces and database tables.
* Validated the forms to avoiding the unnecessary data entry.
* Involved in creation of .NET services using WCF and consuming the Services.
* Used EDM database programming to access and retrieve data from the SQL Server database.
* Sessions was extensively used to store frequently used business entities and constant values throughout the application.
* Creation of stored procedures, functions using SQL Server.

**EDUCATION/CERTIFICATIONS**

|  |  |  |
| --- | --- | --- |
| Discipline | Institution | Percentage (%) |
| MCA | East West Institute of technology, Bangalore, | 62.3% |

PERSONAL PROFILE:

Extra-curricular : Represented Cyient in Hyderabad marathon 2015, Parking Sticker Contest winner for year 2015 in Cyient, Team member in Cultural events Current Company.

Hobby : Writing daily life Diary.

Date of Birth : 29-jan-1987

Gender : Male

Marital Status : Married

PLACE:

DATE:

(Alok Kumar Singh)