**Santosh Chilaka**

🖳 [**surajkumars848@gmail.com**](mailto:surajkumars848@gmail.com)

**DOT NET DEVELOPER/TUTOR**

🖁**703-473-8177**

*“Technically sophisticated, tenacious, and seasoned professional powered with broad-based experience for over* ***5+ years*** *gaining experience in -* ***System Architecture, Analysis, Maintenance, Design, Development, Testing*** *and Implementation of various commercial applications using Microsoft Technologies that includes* ***client/server applications and Web based Internet/Intranet Applications*.***”*

**Executive Summary:**

* Extensive experience in **front- end, user-interface (UI) development**, working on user interface applications, web services, client/server applications, and windows based application using Microsoft .Net technologies including **HTML, HTML 5, XHTML, DOM, CSS, CSS3, JavaScript, JQuery, JSON and MVC etc.**
* Experienced **TUTOR** in **PRISEM TUTORING CENTER**, Bowie state university from last 18 months and deals with all the coding courses (COSC 503,504,212,101,112), computer courses and basic math courses. Currently developing a web application for student and supervisor to schedule, modify, cancel, count number of sessions, number of hours worked by employees.
* Experienced in developing applications using **.NET Frameworks 3.0/3.5/4.0/4.5**, on **Visual Studio 2008/2010/2012/2013** using **C#, ASP.Net, MVC, and WPF** for developing **Web applications & Windows applications.**
* Experience in Web Technologies like **JavaScript**, **Jquery,** **XML**, **XSLT**, **HTML**, **and CSS.**
* Expertise in designing and **developing complex GUI using** **ASP.NET, MVC, WPF.**
* Extensive knowledge and coding skills in **C#.Net, HTML, CSS, JavaScript, XAML, LINQ.**
* Extensive experience in using **SQL Management Studio**, **SQL Server Business Intelligence Solutions**.
* Experience in writing complex **SQL queries** for data manipulation and data validation. Stored Procedures using both **TSQL** for **Microsoft SQL Server 2005/2008/2012** and also **PL/SQL.**
* Good at **SQL programming** and writing complex **stored procedures**, **Views**, **triggers**, **Indexes**, **functions** using **T-SQL**.
* Specialized in architecture and developing both front and back end software for cross-browser, highly interactive **ASP.NET** applications **using MVC or WebForms**.
* Good experience on **Version Controlling**, **Code branching** and **merging**.
* Experience in creating class diagrams using tools like **Microsoft Visio**.
* Experienced in Data Modeling tools for logical and physical models using **Microsoft Visio,** Erwin**.**
* Have good experience in developing and consuming **Web Services** using **WCF.**
* Experienced in Version controlling tools and application Lifecycle Management tools like **TFS**, **VSS etc.**
* Experience in **Session Management** techniques both Client side and Server side like **Sessions, Cookies and View State Management**.
* Performed **Unit Testing** in all **.Net Applications** developed.
* Handfuls of experience developing object oriented design and object oriented programming.
* Extensive experience in interaction with client and functional people for gathering the business requirements and functional specifications.
* Good Experience on C++ and R programming.
* **Excellent communication skills, Good organizational and interpersonal skills**, outgoing personality, Self-motivated, hardworking, ability to work independently or cooperatively in a team, eager to learn, ability to adapt based on the demands of work.
* **Exceptional ability to quickly learn** new concepts and new technologies and master them to apply and enhance the outcome of my work and the projects involved.

**Technical Skills:**

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| --- | --- |
| **MS .Net Technologies** | **Microsoft .Net Framework, ASP.Net, Web Forms, Win Forms, WPF, WCF, ADO.Net, LINQ.** |
| **Web Technologies** | **Web Services, SOAP, WSDL, XML, XSL,XSLT** |
| **Web Servers** | **IIS 5.0, IIS 6.0, IIS 7.5** |
| **Programming Languages** | **C#, JavaScript, VBScript, HTML, CSS, DHTML, AJAX, JQuery, Angular JS, Boot Strap** |
| **Frameworks** | **Microsoft .Net 4.5/ 4.0/ 3.5/3.0** |
| **Databases** | **SQL Server 2012/2008/2005, Oracle 10g, 11g, 12c, PL/SQL,** |
| **Web/ Application Servers** | **Internet Information Services 6.0/7.0, IIS Express** |
| **Integrated Dev. Environments** | **Visual Studio (2013,2012, 2010,2008, 2005)** |
| **Version Controller** | **TFS, Microsoft Visual SourceSafe, CVS** |
| **Database Tools** | **Server Query Analyzer** |
| **Software Packages** | **MS-Office 2013/10/07/03, Microsoft Visio** |
| **Other Tools** | **MS Visio, MS Project** |
| **Operating Systems** | **Windows NT/95/98/2000/XP, UNIX, Linux** |
| **Methodologies** | **Agile and Design Patterns-Factory** |

**Education:**

Bachelor of Technology, JNTU.

Master of Science, Bowie State University, Md, USA. GPA-3.675.

**Professional Experience**

**Bowie State University, Bowie, Md Oct 2014 to Till Date.**

**Role: Research Assistant.**

**Description:**

Bowie State University is founded in 1865. Bowie State is the oldest Historically Black University in Maryland and one of the ten oldest in the country.  It is also a diverse university whose 5,600 students, along with faculty and staff, represent many ethnic and cultural backgrounds.

The university’s advanced teaching and research facilities include a FlexPod, one of the latest computing innovations with the capabilities of a supercomputer in a box the size of two student desks. Bowie is also home to a satellite operations control center managed in conjunction with NASA and an all-Steinway Fine and Performing Arts Center equipped with the latest technologies for digital media arts and music production.

Done a research on ARMBAND SENSEWEAR PRO2 and PRO3 under Dr.Soo-Yeon Ji. This research consists of analyzing and signal sampling of the data extracted from various human PSYCHOLOGICAL conditions. The languages used for the programming of this research were C#.NET, ASP.NET, R-programming and Microsoft excel. For this project I have taken the complete responsibility and done the frontend development in ASP.NET, C#NET web applications and survey forms to get user registration and their details, and the backend in R programming and ADO.NET to retrieve data from SQL server database. This research was done in the Agile software development. I proudly say it has improved my critical thinking of a project. As a Research assistant, I had to listen, get the reviews of users, think creatively on my feet and delegate so that together we could achieve success. I have proven that I am passionate about what I do as well as dedicated.

**Responsibilities: The Research divided into two phases**

1. **Created User Interfaces and storing their data in Databases:**

* Developed Rich User Interface for Trigger Module and CRMM Dashboard for Windows, with **ASP.NET MVVM, ASP.NET** for Web with **C#.NET**, **Visual Studio 2010/2008** and responsible for configuring and hosting application.
* Implemented **Data Triggers** with **Data Templates, Property Triggers** and **Event Triggers** in XAML and **Converters** in C# .NET and declared them in the resource files using Expression.
* Implemented dependency properties to develop **Custom Controls**, used Themes/Generic, XAML to define custom UI Properties and developed reusable user controls using Expression Blend, XAML and **C#.NET 3.5, Visual Studio2010/2008** and involved in mentoring new and existing staff on WPF, Silverlight and WCF.
* Created **Use-Case Diagrams, Class Diagrams, and Sequence Diagrams** using **UML.**
* Involved in performing Enhancements to the CRMM Qualification Engine and also in Cache reduction on application load.
* Used **ADO.Net Technology** to connect the **WCF** **service layer** to data base –**SQL Server 2008** and used stored procedures for updating and manipulating data in database.
* Application Tier developed using **WCF Web Services** using C#, LINQ, implemented client side logic with jQuery and tested using Visual Studio Unit Testing Framework and hosted on IIS 7.0.
* Developed Data Access Layer using **Entity Framework**, LINQ using C# and Visual Studio.NET2010.
* Developed **windows services** for creating periodical job that would perform data syncing.
* Worked **on functional testing** for the requirements, which I developed. I was also involved in the **Unit Testing** of all the modules, Load Testing.
* Involved in preparing and **Configuring application servers, IIS** for Launching applications and deploying WCF service layer and maintenance.
* Suggested possible application enhancements, managed multiple projects and met deadlines.
* Involved in Code labeling prior to production and moved the code to Deployment Integration Testing (DIT) and System Integration Testing (SIT) environments.
* Involved in Code reviewing and peer testing of the code and bug fixing using visual studio.

1. **Analyzed the user results collected from Armband sensewear in CSV files:**

* Analyzing the CSV data recorded from the user using the R studio.
* Developed code to read, analyze and compare the data from the R studio.
* Pictorial representation of the analyzed data was done.
* The data analyzed from the CSV’s are stored in the format of Xml.
* All the records are stored in Database.

**Environment:** .NET4.0/3.5**,** Visual Studio2010/2008,Silverlight4.0/3.0, ASP.NET, WCF, WPF, Expression Blend, MVVM, LINQ, C#.NET, XAML, Visual Studio Unit Testing Framework, JavaScript, jQuery, XML, SQL Server2005, Windows XP, Visual Source Safe 6.0, R Programming, Access Testing, R programming, R Studio.

**Bowie State University, Bowie, Md Jan 2015 to Till Date.**

**Role: TUTOR.**

**Description:**

Bowie State University is founded in 1865. Bowie State is the oldest Historically Black University in Maryland and one of the ten oldest in the country.  It is also a diverse university whose 5,600 students, along with faculty and staff, represent many ethnic and cultural backgrounds.

The university’s advanced teaching and research facilities include a FlexPod, one of the latest computing innovations with the capabilities of a supercomputer in a box the size of two student desks. Bowie is also home to a satellite operations control center managed in conjunction with NASA and an all-Steinway Fine and Performing Arts Center equipped with the latest technologies for digital media arts and music production.

PRISEM TUTORING CENTER, Bowie state university is a One on One Peer and small group tutoring and it deals with the courses of Biology, Chemistry, Computer Science, English, French, Physics Psychology, Spanish and more.

**Responsibilities:**

* My responsibility to teach the students or group of students who have a questions on particular topic/s from Computer or Math courses.
* Mostly I help the students who has problems in coding C++, SQL, ASP.NET, C#.NET, SQL, Javascripting, HTML, CSS.
* Assigning students some assignments to fetch their level of understanding.
* Motivating students to understand the subject/code pragmatically in real World use.
* Helping the math students using the Hawkes learning.
* Deals with all the coding courses (COSC 503,504,212,101,112), computer courses and basic math courses.
* **Helps** the student’s in software programming courses COSC 545 and 645.
* Currently developing a web application by my own interest for student and supervisor to schedule, modify, cancel, count number of sessions, number of hours worked by employees.

**Environment:** .NET4.0/3.5**,** Visual Studio2010/2008,Silverlight4.0/3.0, ASP.NET, WCF, WPF, Expression Blend, MVVM, LINQ, C#.NET, XAML, Visual Studio Unit Testing Framework, JavaScript, jQuery, XML, SQL Server2005, Windows XP.

**KBACE Technologies-Bangalore, India July 2012 to Sept 2014**

**Role: .NET Developer.**

**Description:**

KBACE Technologies, Inc., is a global consulting and technology services company dedicated to helping customers maximize their investment in Oracle Software by delivering unmatched services, solutions, and products. KBACE’s full-service approach and unparalleled experience in all areas of Oracle E-Business Suite, Cloud Applications, and Fusion Middleware has helped the Company build one of the largest reference bases of Oracle Application customers in the World. KBACE is known for its functional and technical depth across industry and business functions for Human Capital Management, Financials, Projects, Manufacturing, Supply Chain, and Customer Relationship Management.

With its proven ability to execute, KBACE consistently helps clients ranging from small to Fortune 500 companies achieve their goals today and advance beyond them in the future.

**Responsibilities:**

* Developed web pages for the **user registration and developed classes** for the password validations and expiration.
* Developed **javascript** for completing the registration process.
* Developed a special class for prompting the UserName available on searching into the database using the Random functions.
* Used **AJAX** tools for developing the user Interface.
* Analyzed the requirements and significantly contributed in **developing architecture** for the application.
* Involved in gathering user **requirements**, **reviewing** **processes** and attended client meetings.
* Responsible for creating the **Entity**-**Relationship** **diagrams**, **Data** **Modeling**, **Class** **diagrams**, **Sequence diagrams** and **Process** **Flow diagrams** using Visio 2007 and documenting the project architecture.
* Involved in developing **Console and Windows applications** using **WPF and WinForms** for generating reports.
* Involved in coding different layers of web applications using **ASP.NET** and **C#.**
* Developed various complex **stored procedures, functions, and triggers, Indexes, Cursors** with **ORACLE Database.**
* Extract, Transform and load data to create **SSIS** packages and designed report using **SSRS**.
* Designed user interface and code using, **HTML**, **CSS,** **JavaScript** controlling with teleric User Control and implemented application logic using **C#** and **Design pattern MVP.**
* Write data validation packages between Source and Target systems for the Support team. And also Involved in preparing and **Configuring application servers, IIS** for Launching applications and deploying WCF service layer and maintenance.
* Involved in preparing and **Configuring application servers, IIS** for Launching applications and deploying WCF service layer and maintenance.

**Environment:** SQL Server 2008/2005, Oracle, NET framework 3.5/3.0, C#, Web Services, XAML, XML/XSL/XSD, XSL-FO, SOAP, WebForms, CSS, JavaScript, AJAX, ADO.NET.

**Advantage one Pvt Ltd** - **Hyderabad, India June 2011 to June 2012**

**Role: SQL Developer/Web developer.**

**Description:**

Advantage One Human Resourcing begun its operations in 2007 as "THE HIRING TOOL", A pioneering platform in India to streamline the process of recruitment across industry by bringing corporates and recruitment firms / consultants on a single platform and help the industry meet their resourcing needs across all verticals, across all technologies and across all levels on a real time basis. The company was restructured and relaunched as "Advantage One Human Resourcing", with a singular objective of providing the best available resources to the industry with a quick TAT and be the most reliable resourcing arm of all our clients. Our focus is on managing efficiency innovative approach to supply and optimization on qualitative fulfillment to meet the business needs of our clientele and all these achievements have been under the umbrella and brand name of AOHR. At AOHR, we understand the significance of blending business processes and technology. Our resources are extremely efficient to support all our clients with the right guidance, to achieve their business objectives efficiently. As an organization, we strongly believe in adapting to a wide and new range of methodologies and techniques to ensure that our clients get a high-quality, dedicated service at affordable costs. We have the expertise and the talent pool to provide comprehensive and contemporary solutions at all levels in an organization. AOHR has its own high end marketing strategies wherein we have some variety of alternative sources which are rarely used by the other consultants and companies in recruitment industry.

**Responsibilities:**

* Involved in understanding user requirements, designing and developing web application and back end applications.
* Interacted with business analysts, end users and worked on the application specifications to develop detailed functional, technical design, and test specifications that fully satisfy business requirements.
* Design COM+ component.
* Designed and develop user interface for public web application and intranet application using Visual Studio 2010, ASP.NET, C#.NET, AJAX, XML and CSS with object oriented programming techniques. Used various features of C# and C#.Net (e.g. reflections, generics, partial classes, LINQ etc.).
* Developer presentation layer of both public and intranet application
* Build technical architecture of application and document design in high level and low level design document.
* Develop application infrastructure component like logging, exception handling, data access, caching and cryptographic application block.
* Demonstrating the architectural implementation through code and design
* Design application architecture, design and code reviews
* Develop systems using .NET components and implemented the Data Access layers using ADO.NET. Used ADO.NET objects such as data reader, data adapter and dataset for consistent access of the data from data layer.
* Develop stored procedures, functions, triggers using ORACLE Server for fetching data and binding.

**Environment**: C#.NET4.0, ASP.NET4.0, AJAX, COM+, WCF, WPF, VC++ Window service, JavaScript, ORACLE 9i-10, IIS7.5/8.0/8.5, Windows 2008 R2/2012 and IE8.0/9.0/10/11