VARSHA S. AUTI

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TECHNICAL SKILLS

- Object oriented programming
- C, C++, C#
- Core Java, Visual basic
- .NET Framework
- C#.Net
- ASP.Net MVC
- Python
- ADO.Net/Entity Framework
- SQL DML & DDL
- RDBMS, MySQL
- ASP.Net Server-side programming
- HTML, CSS, Bootstrap
- XML, JSON
- jQuery, AJAX
- JavaScript, VBScript,
- REST Using Web API
- Test Driven Development
- Full-Stack Development
- (Git/GitHub)
- NUnit, NuGet Package Explorer

EDUCATION

C#.NET APPRENTICESHIP PROGRAM
The Software Guild, Minneapolis, MN

MASTER OF COMPUTER APPLICATION
BVIMIT, Mumbai, India

BSC (INFORMATION TECHNOLOGY)
RJ College, Mumbai, India

PROFESSIONAL EXPERIENCE

C# APPRENTICE, THE SOFTWARE GUILD   *(JAN 2020 - PRESENT)*

- Created console application for Battleship game using object-oriented programming concepts in **C#.Net.**
- Designed Bank application in **C#.Net** using factory and repository classes for test and production data. Also created test cases for testing application using **NUnit, NuGet package**.
- Developed an application for Flooring Ordering System with **CRUD** functionality that utilizes mock test repository, **SQL** database and file system data.
- Built database for Hotel Reservation System **DDL/DML** and created **ERD** that describes relationship between database tables and created **SQL** queries to fetch data from tables.
- Created DVD Library project that allows a user to create, read, update, and delete DVD information via the supplied **REST API** which has a browser-based user interface for an existing web service **HTML, CSS, Bootstrap, JavaScript, jQuery, Ajax.**
- Designed a fully functional Vending Machine webpage consuming a **REST API** with **HTML, CSS, JavaScript, jQuery, Bootstrap, Ajax**.
- Developed an HTML page that accesses the Open Weather Map **REST API** and displays the current weather and the five-day forecast for a given zip code, using **jQuery** to respond to browser events, manipulate **HTML** elements, make **Ajax** calls, and process **Ajax** responses.

SOFTWARE DEVELOPER, XTREME MEDIA PVT.LTD. *(JULY 2013 – SEP 2014)*

- Designed database for NSE client which stores real-time data using **SQL** Server. Designed and implemented **SQL/TSQL** queries for fetching real-time trading data values. Performed regular database backup.
- Developed an application for displaying NSE vertical/horizontal ticker with real-time data using **C#.Net**.
- Created GUI which accepts settings to connect to NSE server and download latest files from NSE directory using **C#.Net** FTP download.
- Built an application for displaying NSE real-time data in various format with animations such as Chart using **C#.Net, HTML, jQuery, WPF Controls**.
- Designed an application for displaying NSE real-time data in form of Top Gainers, Losers, Most Active Value, Most Active quality with animations using **C#.Net** and **WPF** controls.
- Programmed an application to create Live Market Map for NSE using **C#.Net** and **WPF** Tree-map control. Also created an application to display NSE Nifty data with animation.

SOFTWARE DEVELOPER INTERN, XTREME MEDIA PVT.LTD *(JAN 2013 – JULY 2013)*

- Implemented Socket connection to send data from client to server using **C#.Net**.
- Developed an application to display Thomson Reuters News and Quotes data using web service in **C#.Net**.
- Implemented Microblog functionality to search twitter for specified search term and display data in **Python** and **C#.Net**.
- Added functionality to scroll office documents and display webpages on XMPlayer in **Python** and **C#.Net**. Created GUI for XMPlayer settings using **Python TKinter**.
- Implemented capture screenshot functionality which capture screenshot of XMPlayer after specified interval in **Python** and **C#.Net**.

PROJECTS

- Designed "Restaurant Website" in **HTML, CSS, Bootstrap & JavaScript** as a part of The Software Guild prerequisite course.
- Successfully completed "Blogging enabled social networking site" web project in **ASP.Net** during July 2012 - August 2012.
- Developed "Banking processing equipment" in **C#.Net** as a front-end and **My-SQL** as a back-end tool in 2010 as a part of T.Y.BSc curriculum.

ACCOMPLISHMENT

- Secured **"Highest Marks in SSC"** from Adarsh Vidyalaya Bhandup (2005).
- Won **2nd prize** in the inter-collegiate IT festival organized by V.E.S. Institute of technology, Chembur in "Queen's Land" held on 19th March 2011.
- Worked as **an event coordinator** for the technical festival "Manthan 2012" organized by BVIMIT Navi Mumbai.