Yamini Chandramouli

Redmond, WA   ychirala@gmail.com 425-301-3788 Authorized to work in the US for any employer

SUMMARY

Software Engineer
Infosys - Hyderabad, Telangana
June 2004 to December 2008
4+ years of experience in Databases and Business Intelligence using SQL Server 2008/2005/2000 and SSRS, 2+ years of experience in programming, UI Technologies using C#, HTML/CSS and web-services like WCF,2+ years of experience in manual testing of excel slides,SSRS reports and automated testing using a customized tool built with C#.

Technical skills / Tools

RDBMS : SQL Server 2008/2005/2000, Oracle
Reporting Tool : SSRS (SQL Server Reporting Service)
IDE/Tools : SQL Server Management Studio, BIDS, SQL Server Profiler, Microsoft office, MS Visio, Developer Tools, Atom
Source Control Tool : VSS, TFS, Git
Programming Languages Known : JavaScript, JQUERY.
Testing: Manual and automated**(using customized tool).**
Operating Systems: Windows and MAC**.**

Education

MBA (Finance and IT), NIT Warangal.(April 2004)
Percentage: 69%
Bachelor Of Technology(CHEMICAL ENGINEERING), ISS College of Engg. (April 2002)
Percentage: 72%

Online courses/Certifications done

Introduction to Data Science(COURSERA)
<u>**This course covered a broad set of topics critical to practical data science**</u>:
Relational databases,MapReduce, NoSQL,Selected topics in statistical modeling, Selected topics in machine learning,Information visualization and a variety of algorithmic topics.

Introduction to DataBASES(STANFORD UNIVERSITY)
<u>**TOPICS COVERED:**</u>
XML DATA,JSON DATA,RELATIONAL ALGEBRA,SQL,INDEXES AND TRANSACTIONS,Views and Authorization,On-Line Analytical Processing,Recursion in SQL.

sql AND ssrs TRAINING

HERE IS A LINK TO MY BLOG:

https://yaminichandramouli.blogspot.com/

Introduction to PYTHON FOR Data Science(DATACAMP)

Introduction to R FOR Data Science(DATACAMP)

Grow with Google Challenge Scholarship: Front-End Web Dev

TOPICS COVERED:

HTML/CSS,JS,JQUERY,Web-accessibility,Objects in detail,Jasmine Testing,Angular and React framework,APIs.

FRONT-END WEB DEVELOPER NANO DEGREE PROGRAM-UDACITY

TOPICS COVERED:

HTML,CSS, JavaScript,JQUERY,Flexbox,Jasmine

Framework,ARIA,AJAX,Angular,React. I have completed the following eight projects in this course:

- **Portfolio site(designing a web-page using flex-box technique for responsiveness)**
- **Pixel art maker(creating a grid with a pattern using vanilla JS)**
- **Memory game(creating a memory based game using vanilla JS)**
- **Classic Arcade game clone(creating a arcade game using 'this' object)**
- **Feed Reader testing(using Jasmine test suite)**
- **Restaurant Reviews App-Stage 1(using responsive design and ARIA roles for web-accessibility and ServiceWorker for viewing offline content)**
- **MyReads: A book tracking App(using React components)**
- **Neighborhood Map(using Google Map API, third-party API like FourSquare API and axios for accessing from this API. The framework is React)**

Work Experience

- Experience in working on all phases of **Data warehouse** from gathering requirements to testing, implementation, and support.
- Excellent knowledge in **Performance tuning** methodologies at database level, ETL, and Report Level
- Good knowledge of **Data Warehousing methodologies** and concepts, including Star schema, Snowflake, ETL processes, Dimensional modeling and reporting tools.
- Proficient in applying transformation rules - **Data Conversion**, **Data Cleansing**, **Data Aggregation**, **Data Merging** and **Data split**.
- Expert in generating reports using **SQL Server Reporting Services (SSRS)**.
- Proficient with **SQL Enterprise Manager, SQL Query Analyzer**, scheduling jobs with **SQL Server Agent**, and **SQL Profiler**
- Expert in creating **ad-hoc reports** by using **Report Builder in SSRS**.
- Proficient in writing the **Stored Procedures, Triggers, Functions**, **Indexed Views**.
- Proficient in **C#**.
- Proficient in **HTML/CSS** and **JavaScript**.
- Proficient in **Manual Testing** and **Automated testing using a customized tool**.

PROJECTS

My initial training in Infosys was in Java stream. The training went on in Hyderabad for 3 months. I learnt Java, JS,JQUERY during that phase. Also, I worked in a short-term intern role in Java using MVC architecture.

1. Project Name : Rhythm Of Business

Client : Microsoft

Description of the project -
RoB was data intensive project used by MS. Its UI was excel and the backend database was SQL Server 2000. Also SQL reporting services was used in a module to generate reports. **Used C# scripts to run automated SQL tests.**

Role : As a developer, i used complex expressions to calculate, group, filter, parameterize and format the contents of a report. Manually tested excel slides. **As a tester, I manually tested excel slides and SSRS reports.**
Responsibility : Only Developer and tester for SQL Reporting Services Module in a team size of 17.
Duration : 1 year(2004-2005)
Software : MS Related Technologies

02. Project Name : Windows One Care Live

Client : Microsoft

Description of the project
One Care's reporting module was given to us. The main work in this project was to identify new reports for the business and provide them the same. Also reports had to be made on ad-hoc requests from the Client. The UI was SQL Reporting Services and the data-intensive backend was SQL Server 2000.
An automated testing tool made using C# for comparing columns given by the user and on the back-end was created by the MS; we used it in our project using ADO.NET concepts. Manually tested SSRS reports.

Finally, on the request of the client a Data warehouse module has been successfully executed right from the estimation stage to the UAT stage with only me as the sole developer involved in both the design and coding. The database for this was SQL Server 2000 and its related technologies like Analysis Services were used.

As a developer, i was involved in writing and optimizing complex Stored Procedures, Functions, Triggers, User Defined Functions and complex T-SQL code.
Experienced in creating complex queries, sub-queries, joins and data analysis.

Involved in Query Tuning, Performance Analysis etc.
In creating, maintaining, modifying and optimizing SQL Server databases.
Involved in database Backup, Restore and Security.
Able to understand complex databases and ER diagrams.
Usage of complex expressions to calculate, group, filter, parameterize and format the contents of a report.
Exposure to log-shipping.
Knowledge of advanced concepts like Database Mirroring, Index Tuning Wizard, Capacity Planning etc.

Responsibility : Developer,Tester and Database designer.
Duration : 1 year(2005-2006)
Software : MS Related Technologies

03.Department Name - Microsoft Technology Centre

Client : R & D

Description of work done
Research and exploration on Microsoft UI Technologies like Silverlight 2.0 Beta, MOSS 2007. Concepts of good UI design and consultancy work to projects based on requirements for critical issues like online security, Check Printing etc. Have worked thoroughly on new technologies like WCF.
Have conducted two sessions on WCF.

Role :
Being part of a core technology team of MTC, Infosys was quite challenging.
On request of Microsoft, the team prepared a sample portal using all new MOSS 2007 features. I was involved in preparing and formatting web-parts.

For the internal use of MTC's project managers, I prepared a sample web-site using Silverlight Beta 2.Some features included pulling data using LINQ, WCF in cross-domain and a carousal.

As part of Consultancy work, I was involved in a project that involved a secure financial transaction like check printing. I had to determine the technology to be used, secure transmission of images over network, encryption etc. **The front-end was programmed using C#.**

I was also involved in preparing a prototype of using WCF to pull data to the MVP UI apart from implementing security in the project.
I conducted two sessions on WCF for the benefit of team-mates.

Responsibility : Research and Consultancy
Duration : 2.6 yrs(2006-2008)
Software : MS Related Technologies