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**Professional Summary:**

* Presently working as Consultant at Capgemini, with 6 years of total experience.
* Previously worked as Senior software development engineer at HTC Global services for 5.9 years.
* Knowledge of Hadoop architecture and various components such as HDFS, Resource Manager, Node Manager and Map Reduce programming paradigm.
* Experience in working with Hadoop distributed file system (HDFS), Map Reduce framework, YARN, Pig, Hive and Sqoop.
* Experience in analyzing data using HiveQL, Pig Latin, and Map Reduce programs in Java.
* Experience in spark with scala.
* Wrote hive scripts to move data to the Hbase.
* Experience in moving data from HDFS to RDBMS and vice-versa using SQOOP.
* Worked extensively in COBOL, JCL languages and well versed with DBMS like DB2 and OS concepts.
* Good in understanding business processes / requirements and translating them into design solution and technical requirements.
* Involved in design, coding, testing and implementations.
* Good experience in documentation like program analysis documents, HLDs, LLDs, UTCs and UTRs.
* Good experience in developing test strategy, test plan, test scenarios, test case design, test reports, test execution, and data validation.
* Good experience in Web services testing.
* Good experience in running JCL job flows.
* Good experience in testing tools like Test Link, track tool,IBM Data Studio, Soap ui and SAMS Pocket tool.
* Experience in HP Service Manager and MS Office.
* Knowledge on Unix shell scripting.

**Technical Skills:**

• Hadoop Eco system : Hadoop, Map Reduce, HDFS, Hive, Pig and Sqoop.

• Languages : J2SE, COBOL, and JCL.

• Database : DB2

• Operating System : Linux, Windows7/XP

• IDE : Eclipse and Spring Source Tool

**Project Summary:**

**Project #1:**

Project Name : Customer Data Traceability Framework Build

Client : State Farm Insurance, USA

Role : Hadoop Developer

Team size : 6

OS                           : Centos

Technology : Hadoop (HDFS, Map Reduce, Hive, Sqoop)

Duration : Nov -2014 to Mar-2017

**Description:**

State Farm Insurance is a 44th ranked fortune 500 company. The needs of customers continue to evolve, and the State farm must adapt to continue as the first and best choice in the products and services provide. Therefore state farm executive leadership has set a strategic direction for the Enterprise to move to centrally managing customer information.

**Roles and Responsibilities:**

* Worked on automating import jobs between HDFS, Hive and RDBMS using Sqoop.
* Participated in development and implementation phases of the project in Cloudera Hadoop Environment.
* Wrote hive scripts to extract XMLs data and convert those XML files to delimited flat files.
* Implemented Dynamic Partitions in HIVE for efficient data access.
* Worked on loading and transforming large datasets of structured and semi structured data.

**Project #2:**

Project Name : PMMT3.0 (Product Model Management Tool)

Client : State Farm Insurance, USA

Role : Tester

Team size : 4

OS : Windows7, Z/OS

Technology : Mainframes (JCL, DB2)

Duration : Nov - 2013 to Oct-2014

**Description:**

Product Model Management Tool (PMMT): PMMT is the tool used by the Product Model Development Analysts (PMDAs) to create and maintain product models. The product models contain the data and business rules needed for a specific product and the transactions that can be administered to this product. There are approximately 60 PMDAs that use the PMMT application as the main tool for completing their work. The product models that are created in PMMT are then used through the Request Framework by applications such as Enterprise Apps and Internet Auto Rate Quote.

Desired PMMT modifications have been approved as priority changes needed to continue the improvement of performance, availability, maintainability, and the end user experience of the BAF components. The focus of this effort will be specifically for the front-end rewrite of the Product Model Management Tool (PMMT).

**Roles and Responsibilities:**

* Prepared and executed Test cases.
* Prepared test JCLs and executed them.
* Wrote DB2 queries for data mining in test case execution.
* Raised the defects using tractool
* Executed System test cases using Test Link tool.
* Involved in Regression testing by running the Selenium scripts.

**Project #3:**

Project Name : Canadian Migration Program

Client : State Farm Insurance, USA

Role : Mainframe Developer

Team size : 4

OS : Z/OS

Technology : Mainframes (COBOL, JCL, DB2)

Duration : Jan - 2013 to Oct-2013

**Description:**

State Farm has focused on improving overall business performance and creating a platform for sustainable success in its Canadian businesses. As a reflection of State Farm’s progress and strength in the Canadian market, Desjardins, a large and well-capitalized financial institution and the leading financial cooperative in Canada, approached State Farm regarding an acquisition of State Farm’s Canadian operations that will enable both companies to achieve their strategic objectives.

This project is part of CMP. This effort will modify the State Farm systems needed to implement the Desjardins Life and Living Benefits Portfolio product offer and to support the State Farm back book. Modification of the Life Claims processes and systems will also be deploying by this work effort.

**Roles and Responsibilities:**

* Provided high level test scenarios using requirement document.
* Preparing test cases, test data for system and regression testing.
* Involved in daily onsite meetings for review of test cases.
* Responsible for execution of batch job flow for System testing.
* Responsible for execution of all the test cases and report defects, define severity and priority for each defect using trac tool

**Project #4:**

Project Name : PMMT2.0 (Product Model Management Tool)

Client : State Farm Insurance, USA

Role : TRIAGE Team Member (Includes development/Testing/Support)

Team size : 6

OS : Z/OS, Windows7

Technology : Mainframes (COBOL, JCL, DB2, HPSM, Test Link, tractool)

Duration : Aug - 2011 to Dec-2012

**Description:**

Product Modeling Management Tool (PMMT) is a tool uses by the Product analysts (PMDAs). By using the PMMT tool they can develop the insurance products based on IAA structure published by IBM and made them available for market. The tool was developed by using COBOL and PL/I with DB2 database.

The Product Model Management Tool (PMMT) application suite includes front-end web code written in HTML and JavaScript, mid-tier components in J2EE, along with host processing.

**Roles and Responsibilities:**

* Analyzed the tickets received and finding out the solution based on SLA.
* Handled Enhancement tasks based on problem records received.
* Analyzed problem records (PMs) and change records (CMs) using HP Service Manager Tool.
* Analyzed and executed JCL’s.
* Attended Triage daily stand up call with onsite, to provide status of all the tasks
* Preparing and executing Test Cases.
* Wrote DB2 queries for data mining in test cases.
* Developed reports and provided client support.

**Educational Qualification**

• Bachelor of Technology in Computer Science from Sri Indu Institute of Technology(JNTU-H), Hyderabad in 2010.

**Personal Information**

Father’s Name : K.Nagamallaiah

Mother's Name : K.Sarojana

Marital Status : Married

Nationality : Indian

Language Known : English, Telugu and Hindi

Passport & Validity : M3855434, 27/11/2024

Address : Flat no. 113, Pearl apartments, near shyamlal building, begumpet 500016.

**Declaration**

I, hereby declare that all the information provided above is true to the best my knowledge and belief

K.Santhosh