

**Sri Renganathan S****+1 2248308043****rengsankar1986@gmail.com****Experience Summary**

12+ years of extensive experience working in various phases of Software Development Lifecycle (SDLC) in various Big Data, ETL Data Integration & Data Warehousing technologies and tools.

- Proficient in Banking, Retail - Supply/Demand Chain application development, testing and maintenance for large scale application enterprises serving to user base spanning across the organization.
- Worked in various ETL/BI/Database tools (Tableau, Microstrategy, Ab initio, Talend, Informatica) for managing built artefacts and automating software build processes.
- AWS Certified Solution Architect – completed in 2017.
- Implemented DevOps solutions - Automated Continuous Integration and Deployment for UAT, QA environment. Architected scalable, High Availability (HA), and fault tolerant Platform as a Service (PaaS) with AWS infrastructure involving IAM, VPC, Route53, S3, EC2, Elastic Beanstalk, SQS, SNS, DynamoDB, RDS, and CloudWatch
- Experience in Horton Works (Hbase, Spark, Kafka, and HDFS) platforms.
- Hands on experience with Agile (Continuous Integration/Delivery)& Waterfall development methodologies.
- Good working knowledge with databases (including DB2, SQL server, Oracle, Teradata, Informix), database concepts, normalizations etc. and proficient in using SQL.

**EXPERIENCE SUMMARY:**

<b>Employer</b>	<b>From</b>	<b>To</b>	<b>Location</b>
Discover Financial Services	13 <sup>th</sup> Jan 2020	Current Date	Chicago, IL, USA
Capgemini America Inc.	27 <sup>th</sup> Oct 2014	10 <sup>th</sup> Jan 2020	Chicago, IL, USA
Tata Consultancy Services Ltd.	25 <sup>th</sup> March 2009	25 <sup>th</sup> Oct 2014	Atlanta, GA, USA
Sutherland Global Services	27 March 2008	19 March 2009	Chennai, TN, India

**TECHNICAL SKILLS:**

<b>Scripting Languages</b>	Unix Shell Scripting, JavaScript,	
<b>Programming Languages</b>	C, C++, Java, Python	
<b>DBMS</b>	DB2, Oracle, Teradata, Informix, MySQL	
<b>Tools</b>	<b>Ab-initio (GDE, EME, Metadata Hub, Continuous Flows, Web), Talend Data Integration, Talend MDM, Talend Data Quality, Big Data - Scala, Hive, Horton Works –Spark, HBase, HDFS, Talend, Informatica power Exchange, Express&gt;It, Splunk Reporting, CI Tools – SQL Azure (PaaS), Jenkins, Bamboo, GitLab, DB2 control Center, Kafka, Ms Azure, IBM Maestro, MetaStorm Process Monitor, IBM Tivoli Netcool and Quality Center.</b>	

**CAREER PROFILE:****Discover FINANCIAL SERVICES**

Project Name	Discover FS – Enterprise Data Sourcing (EDS) & Discover File Transmission Platform (DFTP)
Duration	Oct 2014 - till date
Line of business of the client	Banking
About the project	High/low level design, develop, maintain, enhance and optimize various discover application data warehouses using Ab initio and continuous integration/continuous delivery services on Agile methodologies. Application sub-system includes Gateways, authentication, student loans, regulations, payment services, merchant banking, etc. Around 8000+ ETLs exist to load data onto Teradata, Oracle, Hadoop and Cognos. The data in the table, mart, views and cubes are used for building reports for Business and end-users.
Activities/Responsibilities	<ol style="list-style-type: none"> <li>1. Analyze requirements, Design, Develop, Test Talend/Ab initio/Informatica Graphs using Continuous Integration/Continuous delivery methodologies and deliver solutions to complex issues.</li> <li>2. Create design documents and detailed analysis of the strategic model of execution. Ensure data quality for all built applications using continuous Integration solutions.</li> <li>3. Engage with cross-functional application areas to test the components built using Ab initio suite involving continuous flow processes, PDL, ICFF, BRE, ACE and batch components using SQL Azure (PaaS).</li> <li>4. Importing all the graphs from each application into Metadata hub and make sure all have proper data lineage.</li> <li>5. Executing in successful deployment and integration of Talend/Ab initio code base from MHub repository across the entire business applications.</li> <li>6. Develop enhancements and customizations to the Metadata hub, in areas including the meta-model, view model and object model.</li> <li>7. Govern File Transmission (B2B) Channel gateway across various applications, affiliates, merchants, processors, Institutions.</li> <li>8. Built Internal File Transmission platform and retire existing third-party tool thereby reducing costs, manual efforts and complete transparency.</li> <li>9. Involve in file Certification, testing and migration from existing legacy platform to newer in-house built platform.</li> <li>10. Engage, Interact and communicate to all business partners, Clients and Stakeholders on the Project Statuses.</li> </ol>
Technical Platform	<b>Operating System:</b> Windows XP, AIX UNIX, Red Hat Linux. <b>Technologies / Tools:</b> Talend, Ab Initio(batch and Continuous Flows), Informatica power Center, SQL Azure(PaaS), Hadoop, Jenkins, Metadata Hub, Control Center, Express>It, JS Console 8.6 , Hive , Live Queue , BnC portal , UNICA , Perl , EME, AWS Cloud ,Teradata , SQL ,IBM DB2 , Oracle , Splunk , Metadata , Service No.
Location	Riverwoods, IL, USA

**Direct Employer: Tata Consultancy Services****Assignment 1:**

Project Name	The Home Depot – Global Supply Chain Data Integration
Duration	Jan 2012 – Oct 2014
About the project	<p>This project is aimed to create a consolidated Supply and Demand Chain Management to operate over 2000 operational stores of home improvement appliances across US and over 30 Delivery Centres across USA &amp; Canada using Ab initio(GDE, EME, Continuous flows, DB2, Teradata, Informix, Express&gt;It, Conduct&gt;It.</p> <p>The intention of this model is to enhance The Home Depot's business performance by optimising the supply chain processes in different areas like Warehouse, Transportation, Global Trade, Forecasting thus minimising the Cost, resource, energy, time and providing better visibility and ensuring robust business.</p>
Activities/Responsibilities	<ol style="list-style-type: none"> <li>1. Develop and test Talend/Ab initio Code as per business requirements and customer requests for various data Integration and Data warehousing application using Agile methodology – Data are from various sources including Real-time, POS Data, Sales Transactions, Near Real-time Customer Data.</li> <li>2. Analyze requirements, work with ETL architects on the Design of Talend/Ab initio Codes using Continuous Integration/Continuous delivery methodologies.</li> <li>3. Create work order on Talend and Ab initio models, Co-ordinate with offshore for the release work and testing</li> <li>4. Code walk-through with ETL and application architects, review test cases, and assist in production implementation.</li> <li>5. Development and deployment of performance improvement work.</li> <li>6. Understanding complete architecture and life cycles to provide optimization solution on existing data integration and data warehousing models on batch, continuous and reporting servers.</li> <li>7. Working with Teradata DBA's and fine-tuning existing BTEQs and queries.</li> <li>8. Build in-house migration application "HDEPS" using UNIX shell, C and JavaScripts for Home Depot code migration and repository.</li> <li>9. Work on proof of concept using TALEND for existing Legacy application thereby reducing costs using Abinitio solutions.</li> </ol>
Technical Platform	<p><b>Operating System:</b> Windows XP, AIX UNIX, Red Hat Linux.</p> <p><b>Technologies / Tools:</b> Ab Initio, EME, Teradata, HDDTM, Talend Data Integration, Informatica Power center , IBM Maestro, Hadoop – Hive, SQL,IBM DB2 ,Oracle , Plan&lt; It , Splunk , Metadata , Service Manager.</p>
Location	Atlanta, GA, USA

**Assignment 2:**

<b>Project Name</b>	The Home Depot –Supply Chain Management
<b>Duration</b>	Apr 2009 – Jan 2012
<b>About the project</b>	This project is aimed to create a consolidated Supply and Demand Chain Management to operate over 2000 operational stores of home improvement appliances across US and over 30 Delivery Centers across US & Canada. I was involved in supporting around 2000+ ETL jobs in Data Integration and Data Warehousing applications.
<b>Activities/Responsibilities</b>	<ol style="list-style-type: none"> <li>1. Schedule/Job - Monitoring Using Linux, Maestro ISC console.</li> <li>2. Working for limiting manual work and to achieve fully automated system.</li> <li>3. Working with several Source systems for upgrade and Maintenance and Testing the prod systems after upgrade/maintenance</li> <li>4. Knowledge transition to team members to increase team efficiency.</li> <li>5. Supporting Critical/Non Critical Abinitio/Teradata scripts/Jobs.</li> <li>6. Analysis of long running process and planning for performance tuning.</li> <li>7. Development and deployment of performance improvement work.</li> </ol>
<b>Technical Platform</b>	<b>Operating System:</b> Windows XP, UNIX AIX, Red Hat Linux. <b>Technologies / Tools:</b> Ab Initio, EME, Teradata, HDDTM, Heats, IBM Maestro, SQL,DB2 , Oracle , Plan It , Splunk , Informatica , Metadata , Service Manager , QC 10.0 .
<b>Location</b>	Chennai, India

**Certifications/Trainings Completed:**

<b>Year</b>	<b>Title</b>	<b>Location</b>	<b>Organised by</b>
2009	Initial Learning Program (ILP)	Trivandrum	TCS
2009	IQMS and IPMS	Trivandrum	TCS
2009	Retail and CPG Basics	Chennai	TCS
2009	Ab Initio	Chennai	TCS
2009	Data warehousing Techniques	Chennai	TCS
2010	Hddtm, Heats and Maestro	Chennai	TCS
2010	Teradata Basics	Chennai	TCS
2010	Informatica Power Exchange	Chennai	TCS
2011	IBM Websphere Message Broker	Chennai	TCS

2011	Abinitio E1 Level	Chennai	TCS
2012	Abinitio E2 Level	Atlanta	TCS
2013	Abinitio E3 Level	Atlanta	TCS
2014	Talend Data Integration	Atlanta	TCS
2014	Hadoop Basics	Atlanta	TCS
2015	Cloud Computing	Chicago	Capgemini
2015	Big Data Analytics	Chicago	Capgemini
2016	Hadoop-Hive	Chicago	Capgemini
2016	Project Management	Chicago	Capgemini
2017	Data Science with IBM Replay	Chicago	Capgemini
2017	Fundamentals of Agile	Chicago	Capgemini
2018	AWS Certified Solution Architect	Chicago	Capgemini
2019	PMP Certified	Chicago	Capgemini
2020	Masters in Data Science (Bellevue University)	Omaha, NE	Discover