**Rajesh Chinnusamy**

Hadoop-Big data Developer

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| **SUMMARY** | |
|  | * **Hadoop** developer professional with substantial knowledge and experience in analysis, design, development, manage and implement of large Big Data systems by creating an intuitive architecture that helps organizations effectively capture, store, process and analyze huge volume of structured, semi structured, unstructured and stream of heterogeneous data set * Around **2+ years** of experience in **Hadoop** Ecosystem and its major components * Highly motivated and proactive **SQL** developer with professional experience in quality system implementation and improvement initiatives starting from Business Requirements, Code Development, Reports Development, Testing and Release management, being part of all the phases end to end * Around **2 years** of experience in **Database programming with SQL 2008 R2 edition** |
| **EDUCATION** | |
|  | * Bachelor’s Degree in Computer Science and Engineering with 70.3% |
| **TOOLS & TECHNOLOGIES** | |
|  | * Ingestion Sqoop * Data Transformation & Analysis Hive * Scheduling Oozie * Distribution Hortonworks HDP * System Deployment Hue * RDBMS SQL Server 2008 R2 * Reports SSRS |
| **HADOOP EXPERIENCE** | |
|  | * Data Ingestion from RDBMS to HDFS/HIVE and vice-versa using sqoop * Transforming and Analyzing data with Hive * Experience in using ORC File and Parquet file formats * Developed Oozie workflow for job scheduling * Developed data visual effects by using SSRS for reports |
| **SQL EXPERIENCE** | |
|  | * Employed best practices in creating a complete schema including tables, relationships, stored procedures, views, indexes and triggers * Involved in SSRS Reports * Tuned and optimized queries by altering database design, analyzing different query options, and indexing strategies |
| **CAREER PROGRESSION** | |
|  | * Software Engineer at Syntel International Pvt Ltd, Chennai **May 2017 - Till date** * Analyst Programmer at Ramco Systems Limited, Chennai **Sep 2013 - Mar 2017** * Trainee Software Engineer at Sciera Solution Pvt. Ltd, Chennai **July 2012 - Aug 2013** |
| **KEY PROJECTS** | |

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| **Project # 1** | AVM |
| **Client Name** | Ramco Schools |
| **Technologies** | Hadoop |
| **Role** | Hadoop developer |

**Description**

On board computing (OBC) technologies are designed to track and improve various elements of fleet performance. It is being used to monitor a driver’s service hours electronically. It keeps track of date & time details, odometer readings, fuel pumped and usage details. These details are helpful to monitor driver’s speed performance and calculating Fuel and Mileage Tax amount for every driver’s on monthly, quarterly or annually basis and reports are generated as per client requests.

**Responsibilities**

* Worked on a Live 32 nodes Hadoop cluster running in HDP
* Importing and Exporting data into HIVE using Sqoop
* Created and worked Sqoop jobs with incremental load to populate hive external tables
* Direct mode, Split by, Boundary query and Batch mode have been used to improvise the tuning options using sqoop
* Developed hive queries for user requirements to perform adhoc analysis
* Improvising the tuning options using hive functions such as Partitioning and bucketing
* Performance optimization in hive can be achieved by using Optimized joins, Parallel execution and strict mode
* Involved in developing hive reports
* Created automated workflow involving various actions using Oozie

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| |  |  | | --- | --- | | **Project # 2** | DMS (Dealer Management Systems) | | **Client Name** | TAFE Access Limited | | **Technologies** | SQL Server 2008,RVW 3.0,SSRS | | **Role** | Programmer |   **Description**  Software as a Service is a model delivering software applications to customers over the internet. On Demand software can be implemented rapidly and eliminates the infrastructure and enduring costs that  Traditional applications require. Product which includes business processes for dealers in the automotive sector which takes care of their daily major operations namely Sales, Service, Spares and CRM. Product includes all necessary master and transaction screens like Item/Job/Model/Purchase Order/Sale Order and Job Card.  **Responsibilities**   * Involved in feature developments in Sale Order, Purchase Order and Job Card modules. * Involved in Report Design and Development * Involved in Defect Fixing * Involved in Unit and Integration test cases and testing the applications * Involved in report development in Sale Order, Purchase Order and Job Card modules * Involved in Report Design and Development * Involved in SSRS reports * Involved in Defect Fixing of existing reports |

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**Description**

Cox Communications is a privately owned subsidiary of Cox Enterprises providing digital cable television, telecommunications and Home Automation services in the United States. With the technology to provide accurate, clean and up-to-date Customer Information, Sciera’s data management services enable planning and executing targeted multichannel campaigns driven by deep customer insight.

**Responsibilities**

* Involved in development of Stored Procedures, Functions and Views for Sciera’s data management services
* Involved in Defect Fixing
* Involved in Support and Maintenance of the tool till date
* Involved in Performance Optimization of the service

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| **PERSONAL DETAILS** |

Date of Birth : 06th May 1991

Passport Number : Z3628810

Languages known : English and Tamil