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*WhatsApp/Mobile:* 8(754) (333) (754)

**Rajesh Jayagopi**



*Hadoop developer*

* Gold Award for iDART framework.
* About 12+ years of professional IT experience which includes four years of experience in Big data ecosystem related technologies like Hadoop, Apache Spark, Map Reduce, Hive, Sqoop, Oozie, Netezza, Java, etc.
* In a short time-span, individually developed two tools called iDART testing tool and eBuddy web-portal.
* Very good knowledge of Object-oriented concepts with complete software development life cycle (SDLC) experience - Requirements gathering, Detail design, Development, System and User Acceptance Testing.
* Have very good knowledge of Scala and Java languages.
* Good understanding of Partitions and Bucketing concepts in Hive and Spark DataFrame
* Experience in importing and exporting the data using Sqoop from HDFS to Relational Database systems and vice-versa.
* Good understanding/knowledge of Hadoop Architecture and various components such as HDFS, Job Tracker, Task-Tracker, Name-Node, Data-Node, Secondary Name-Node, and Map Reduce concepts.
* Worked with Big Data distributions Cloudera CDH5 and Hortonworks.
* Good working knowledge of ETL and Query big data tools like Pig Latin and Hive QL.
* Have hands-on experience in writing Map Reduce jobs on Hadoop Ecosystem
* Worked on Unix shell scripts for business process and loading data from different interfaces to HDFS.
* Experience in Kanban, Scrum, Agile and Waterfall models.
* Strong experience on ETL with strong business understanding and knowledge of Extraction, Transformation and Loading of data to/from source systems like Flat files, Netezza, Teradata Client and HDFS, SQL Server.
* Hands on experience in identifying and resolving performance bottlenecks at various levels like sources, mappings and sessions.
* Involved in Unit Testing to check whether the data loads into target are accurate.
* Good Working Knowledge in writing SQL Joins, Nested Queries, Unions.
* Good in coding using SQL, SQL\*Plus, T-SQL, PL/SQL, Stored Procedures/Functions.
* Good experience in performing and supporting Unit testing, System Integration testing (SIT), UAT and production support for issues raised by application users.

**CAREER ACHIEVEMENTS**

* Hadoop developer
* **Experience**: 12+ years
* **Domain Exp**: General Insurance, Wholesale banking credit risk.
* **Technical Exp**: Hadoop stacks, Bigdata, OLAP, OLTP, Java, Scala, Web developments

**SUMMARY**

Hnjbv club

* Programming languages: Scala, Java, Python, PL/SQL
* Database: Impala, Hive, Netezza, Teradata, Exadata, Oracle 10g/11g, MS SQL Server 2008, MySQL
* Big Data ecosystem: Spark, Spark SQL, Hadoop, HDFS, MapReduce, Hive, Oozie, Sqoop, Impala, Cloudera, Hue, Avro, Parquet
* ETL & Scheduling: Talend, Autosys
* IDE: IntelliJ, Eclipse, Visual Studio
* Web: Bootstrap, JSP, ASP.NET, HTML, JSON, XML, jQuery, JavaScript
* Other Tools: SQL Developer, TOAD, WinSCP, Putty, GIT bash, Tectia Client, Excel macro

**TECHNOLOGY SKILLS**

* Experience in requirement analysis, effort estimation
* Experience in design and development
* Worked as Team lead and mentor
* Unit testing, Code reviews
* Experience in Agile teams
* Pro-active, responsible
* Strong analytical and problem-solving skills

**PERSONAL SKILLS**

* Bachelor of Technology (Information Technology), Anna University, Chennai, 2005

**EDUCATION**

* Gender: Male
* DOB: 16-Jan-1982
* Nationality: Indian
* Languages: English, Tamil

**PERSONAL DETAILS**

**WORK EXPERIENCE** 

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| Dec 2014–Current | PEAKS Data Warehouse for Risk Data Management  *Senior Analyst*  B.A. Continuum India private limited (India), a subsidy of Bank of America  Synopsis: This project takes care of all the risk related data from upstream and stores in a risk data mart and then used to calculate the risk exposure and generate BASEL reports.  Highlights   * **iDART** – *it’s a framework as well as a tool for doing Unit testing and Regression Testing.*   + This tool is **developed using Scala and Spark** which can run as an API in Java/Scala program, as a Standalone tool, and through Jenkins   + Received Gold Award for this tool as it uses to integrate as part of software CD/CI (Continuous deployment and continuous integration) process automation.   + This tool will perform Source and Target Table/Query/File (Excel, CSV) **Count** **Comparison**, **Row Comparison**, **Duplicate check**, **DDL Comparison**, * **eBuddy** – *A One Stop web portal for the Platform support team, Production support team and all the Developers*. It has,   + Complete dashboard and user and admin portal   + Database/Tablespace check web tool – This tool helps to calculate real-time Target database server space in case a user wishes to drop some databases in Target and to copy some databases from the Source database.   + Graphical various stage progress bar –It is a CSS progress bar shows real-time Autosys Batch jobs (UAT, Production) progresses in different colours Blue (Completed), Grey (Inactive), Red (Failed), Green (Running)   + **Developed using** the **Bootstrap framework, DataTable framework, Java, JSP, jQuery, JavaScript.**   My primary responsibilities include:   * Data sourcing through Hadoop – developed code for the same which includes (Capturing the metadata, DQ checks and Main Sourcing). * I have migrated ETL Unix shell scripts and SQL scripts of Netezza and Teradata databases into Scala and Spark program. * Data reporting using Hadoop – Have created HIVE managed and external tables and views (Schema on reading and WRITE) as part of reporting by sqooping the data from Netezza to HDFS cluster in the form of AVRO and PARQUET file formats * Developed a wrapper script as part of sourcing through Hadoop which takes care of the entire flow. Have created OOZIE workflows and executed Java and hive actions based on decision nodes. * Exposure on analyses data using HiveQL, Spark-SQL and MapReduce programs. * Scheduled Oozie Workflow and Coordinator Jobs * On a routine basis, Worked on BAU project developments, Platform support team and also Production Support team. So, acquired complete SDLC and environment management knowledge and product knowledge. * Performed Import and Export of data into HDFS and Hive using Sqoop and managed data coming from different sources   Technologies used:   * Spark, Scala, Sqoop, Oozie, Impala, Hive, Kafka, Java, JSP, Oracle Exadata, Netezza, Teradata, MapReduce, MySQL, HDFS, Hue, Avro, Parquet. ETL, Autosys, IntelliJ, Eclipse, Bootstrap, HTML, JSON, jQuery, TOAD, WinSCP, GIT, Bitbucket, Putty, Excel macro |

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| Aug 2013–Dec 2014 | | STS application  *Senior Consultant*  Capgemini India Pvt Ltd, Pune (India) and the client is SCOPE International  STS application is a proprietary electronic payment solution, offered by Standard Chartered Bank (SCB), for Corporate Customers to create their payment instructions. STS is a multi-country, regional payments system. Through STS, customers can initiate multiple payment types in multiple currencies.  STS is a fully automated payments solution web portal designed to address customer’s payable needs in some emerging markets, for any payment type in multiple currencies. This single platform solution improves in the customer’s accounts payable process by consolidating multiple transaction types destined for multiple countries, reducing paperwork, streaming approval and enhancing security and control.  My responsibilities inside the project included:   * Interacted with Business Analysts and participated in user requirement sessions to analyse and gather business requirements. * I have involved in the full development cycle of Planning, Analysis, Design, Development, Testing and Implementation. * Create Java classes and methods and integrate with JSP. * Developed triggers, packages, functions for data conversions and PL/SQL procedures written for projects * I have provided support for Production, QA, Test and Dev environments for clients. * Effectively used clear case and SVN tools for version control and retrofit the latest Production rolled out constructed source codes into baseline code repositories. * Effectively use Agile methodology for each project and releases * Develop PL/SQL procedures and re-usable packages from the scratch and Performance tuning of Oracle Databases, SQL Queries and PL/SQL packages. * Use the Oracle data-pump tool Export and import Oracle databases from the Production database to lower environments to facilitate a platform for developers and unit acceptance testing   Technologies used:   * Java, JSP, Oracle PLSQL, Oracle import/export tool (data pump), PLSQL Performance Tunings | |
| Jan 2011–Aug 2013 | | PLUS-Metrics & TABS Application  *IT. Analyst*  Tata Consultancy Services India Pvt Ltd, Pune (India) and the client is Prudential Insurance Company, U. S and Hartford Insurance Company, U. S  Description: PLUS-Metrics is a data-warehousing system which receives data from the Front Office (FO) system. The PLUS Metrics data warehouse will provide the capability for the Operations to generate the day-to-day reports, cycle time measures and data required for Ad-hoc queries. The subsequent systems are Business Objects (BO) and Prudential Financial Management Cycle (PFMC). The scope of the project for TCS is production support and maintenance of PLUS Metrics application.  The Maintenance of Billing and Audit's TABS application. Customers might get some data errors in their TABS application. For those errors, the customer will create the tickets in Remedy application. Those tickets have to resolve by the ticket priority and properly communicated to the customers. An enhancement to TABS Application. It’s a migration enhancement where the current TABS application is runs using Oracle JInitiator and its need changed into Oracle JRE  My responsibilities inside the project included:   * Developing PL/SQL procedures and re-usable packages from scratch. * Creating Autosys Jils, Unix shell scripting and calling the re-usable packages in the UNIX platform. * Worked on so many projects and developed from scratch by creating the new procedures, packages and handling the complex activities. * Monitoring Jobs in Autosys. * Fixing the very critical issues in production and given permanent fix in many aspects without any assistance. * Handling the data modelling integrity activity and worked along with clients. * Assigning the tasks to the team members and monitoring the activity regularly. * Responsible for giving the quarterly presentation to clients and TCS top management regarding the team achievements and performance. * Automated and simplified many manual operations and got very good appreciations from the clients. * Doing the Data fixes, preparing the document for unknown data fixes, Preparing the SLA report, UMP report, Weekly reports. Analysing the existing functional, configuring the current system to the Oracle JRE version, preparing the Test Cases and doing unit test cases and capturing the result.   Technologies used:   * Oracle PLSQL, Unix shell scripting, Autosys, ETL | |
| Dec 2006–Jan 2011 | | PREMIA - General Insurance Product  *IT. Analyst*  3i Infotech Pvt Ltd, Pune (India) and the client is MEARC (Middle East, Africa, and Russia) & Qatar Insurance Corporation (QATAR)  PREMIA is a General Insurance product, developed by 3i InfoTech. The PREMIA is designed to proficiently perform all the functions of an insurance company such as underwriting, claims management, reinsurance, billing and accounting. The integrated modules available under the PREMIA insurance software solutions product allow you to capture information related to proposals, policy details and endorsements for all insurance business lines.  My responsibilities inside the project included:   * Involved in requirements gathering, database designing and development. * Involved in SDLC processes such as Planning, Analysis, Design, Development, Testing and Implementation * Involved in preparing Impact analysis, Low-level design document, test plans and test cases documents. * I’m involved in designing Oracle Forms & Reports and create PL/SQL procedures, events and triggers in the Oracle Forms & Reports. * I’m involved in the development of or customisation of Oracle Forms & Reports as per requirement. * I have created PL/SQL procedures, functions, packages, Triggers, databases, tables, synonyms, views, indexes, schemas and other objects in the Oracle database. * Involved in root cause analysis (RCA), bugs fixing, unit testing of Oracle Forms and Reports. * I’ve Involved in Defect fixing in QC and UAT environment. * I’ve Involved in performance tuning of complex SQL statements and PL/SQL statements. * Involved in the migration of older version of Oracle Forms and Reports to new version * Involved in explaining Product Functional to the IT team, documentation team and Business End Users. | |

EDUCATION AND TRAINING 

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| 2001–2005 | Bachelors of Technology [Information Technology] (perc: 64%)  Anna University, Chennai, India   * Object-Oriented Programming Concepts * Data Structures and Algorithms * Database Management Systems, SQL * Operating Systems * Digital signal processing | |
| 1998–2001 | +2 Matriculation - Computer Science (perc: 75%)  V.O.C. Vidyalaya Matriculation Hr. Sec. School, Chennai, TN | |
| 1997-1998 | 10th Matriculation (PERC: 66%)  Ebenezer Matriculation Hr. Sec. School, Chennai, TN. | |
| Job-related skills | * Programming languages: Scala, Java, Python, PL/SQL * Database: Impala, Hive, Hive, Netezza, Teradata, Exadata, Oracle 10g/11g, MS SQL Server 2008, HBase (NoSQL), MongoDB (NoSQL), MySQL * Big Data ecosystem: Spark, Spark SQL, Hadoop, HDFS, MapReduce, Apache Pig, Hive, HBase, Flume, Oozie, MongoDB, Sqoop, Impala, Cloudera, Hue, Ambari, Avro, Parquet * ETL & Scheduling: Talend, Autosys * IDE: IntelliJ, Eclipse, Visual Studio * Web: Bootstrap, JSP, ASP.NET, HTML, JSON, XML, jQuery * Other Tools: SQL Developer, TOAD, WinSCP, Putty, GIT bash, Tectia Client, Excel macro | | |
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