**Experience Summary**

* Over 7 years of experience in System Analysis, design, development, testing and implementation of Relational Database and Data Warehousing Systems using IBM Data Stage 8.7/8.1/7.x/6.x/5.x (Info Sphere Information Server, Web Sphere, Ascential Data Stage).
* Experience in Designing, Developing, Documenting, Testing of ETL jobs and mappings in Server and Parallel jobs using Data Stage to populate tables in Data Warehouse and Data marts.
* Experience in integration of various data sources (DB2-UDB, SQL Server, PL/SQL, XML and MS-Access) into data staging area.
* Expert in working with Data Stage Manager, Designer, Administrator, and Director.
* Excellent track record of troubleshooting the Data Stage jobs and addressing production issues.
* Experience in analyzing the data generated by the business process, defining the granularity, source to target mapping of the data elements, creating Indexes and Aggregate tables for the data warehouse design and development.
* Excellent knowledge of studying the data dependencies using metadata stored in the repository and prepared batches for the existing sessions to facilitate scheduling of multiple sessions.
* Experienced in Data Modelling as well as reverse engineering using tools Erwin and MS Visio, SQL server management studio, SSIS and SSRS.
* Expert in writing and implementing UNIX scripts for Data Stage jobs.
* Expert in writing, implementing and testing of triggers, procedures and functions in Microsoft SQL and DB2.
* Sound knowledge of Microsoft Technologies – Visual Basic, SQL Server 2008/2000,Office 2003/2007/2012.
* Experienced in comprehensive documentation of application/business requirement specifications, concepts for user interfaces, test plans, user manuals and conducting user acceptance testing.
* Experienced in development of project proposals, project estimates, budget and cost.
* Extensive exposure to coordinate with multiple groups across the organization
* Solid track record of consistently meeting and exceeding customer expectations

**Education**

Bachelor of Technology in Electrical and Electronics

**Domain, Platform, tools and programming language exposure**

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| **Domain** | Insurance |
| **ETL tools** | IBM Web Sphere Data stage and Quality Stage 8.7/8.1,Ascential Data Stage /7.5.2/5.1/6.0 |
| **Web Technology** | Java, Java Script, VB Script, Web Services, Visual Studio 2010,Adobe Live Cycle ES3.0 |
| **Database Management** | SQL Server 2008/2005/ 2000, SQL Server Integration Services, SQL Server Reporting Services, DB2 |
| **General Software** | Microsoft Project, Microsoft Access, Microsoft Excel, Visio, Quality Management Tools |
| **Project Management** | Project Portfolio Management (PPM),Service Now, Fieldglass |
| **Misc** | Serena PVCS Version Manager, Microsoft SharePoint |
| **OS** | Windows 95/98/Me/XP/7/8 , Windows Server 2000,2003,2008, Linux, Redhat, ubuntu |

**CERTIFICATIONS**

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**Professional experience**

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| **Client: American International Group** **Aug 2013 to Till Date** |
| *Role: Tech Lead - Data Stage Project :Predictive Modeling – Data Stage Migration 8.1 to 8.7, US* |

*The goals and objectives of the Predictive modeling project are to develop and deploy an algorithmic solution (i.e., underwriting predictive model) for AIG guaranteed cost workers compensation business that will enable AIG to prospectively differentiate the most profitable insureds from the least profitable, thereby enabling AIG to make more informed underwriting decisions about each potential insured. Using this information, AIG will be able to make better decisions regarding policy acceptance or declination and, once deciding to write the risk, at what price the risk should be written.*

*My role was to analyze new features in Data stage 8.7, define scope for the current project, design, and complete the Migration. The warehouse employed highly complex data transformations including slowly changing Dimensions and a series of Stored Procedures, which made performance tuning and efficient mapping highly critical.*

*Responsibilities*

* *Analyzed the scope of Data Stage migration in the project.*
* *Understanding the new features of Data Stage 8.7.*
* *Coordinated with infrastructure team to set up Development,QA,Model and Production Environments.*
* *Changed the existing UNIX scripts from FTP to SFTP.*
* *Introduced table indexes and remodeling to improve the performance in SQL 2008.*
* *Removed unwanted job elements to performance tune the existing jobs.*
* *Introduced new jobs for reporting data to a dependant system.*
* *Set up Administrator settings and global variables.*
* *Participated in Weekly Data Stage migration meetings with other projects to get and provide useful information which can ease the Migration procedure.*
* *Implemented permanent fixes for recurring tickets on jobs in the past to ensure that such types of tickets are not raised in future.*
* *Provided various reports requested by the business in a very short notice.*
* *Extensively used Parallel Stages like Merge, Lookup, Join, Filter, Remove Duplicates, slowly changing dimensions, Modify, Peek etc for development and de-bugging purposes.*

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| **Client: American International Group Dec 2012 to Aug 2013** |
| *Role:Sr Data Stage Developer Project: NOVI – Probable Maximum Loss* |

*Accidental Product Contamination – Probable Maximum loss is developed to implement a credible methodology to evaluate the potential loss scenarios for food products. This project helped both insurance buyers (including brokers) and insurers identifying the total expected losses which can potentially affect the company’s profit. As a part of this project a platform was developed to handle the data collection,* *data processing, and delivery of reports to the insureds.*

*Responsibilities*

* *The project needed data inputs from various systems like Sales force.*
* *Developed transforms using stage variables for jobs and code for batch jobs to run jobs in parallel*
* *Performed export and import of Data Stage components, table definitions and routines using Data Stage Designer*
* *Developed Job Sequences and implemented logic for job sequence loops, recovery and restart*
* *Used Data Stage Director to clear the job logs, job resources and status files*
* *Prepared technical design, tests (Unit/System), and supported user acceptance testing*
* *Involved in setting up the ETL standards and helped the client to use ETL best practices.*
* *Carried out complete life cycle of Design, Development, Maintenance and Documentation of Conversion Process. Worked with Datasets, Lookup, Merge, Joiner, Funnel, Transformer*
* *Prepared technical design, tests (Unit/System), and supported user acceptance testing.*
* *Involved in setting up the ETL standards and helped the client to use ETL best practices.*
* *Created Job Sequencers to automate the job.*

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| **Client: American International Group** **July 2012 to Dec 2012** |
| *Role:Tech Lead Project: American International Workers Compensation System – Server consolidation & SQL Server 2008 Migration, US* |

*AIWCS is a workers compensation policy underwriting system. The system performs various Insurance business functions like new or renewal business rating, quoting, and issuing of policies. Includes quoting, rating, reinsurance, large deductible, endorsements (including out of sequence endorsements) and Premium Audit. This project was to migrate SQL server 2000 to SQL server 2008*

*Responsibilities*

* *Analyzed the requirements.*
* *Analyzed the scope of SQL Server migration in the project.*
* *Learned the new features of SQL Server 2008.*
* *Changed stored procedures as per the naming convention of SQL server 2008.*
* *Optimized the existing stored procedures, Triggers and Functions.*
* *Finding the logical bugs and fixing the same.*
* *Prepared Unit Test Plans.*
* *Tested the deliverables.*
* *Did a peer review of the deliverables and documenting the defects.*
* *Consolidation of documents.*
* *Project management activities.*

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| **Client: American International Group** **June 2011 to Jul 2012** |
| *Role:Sr Data Stage Developer Project: Predictive Modeling* |

*The goals and objectives of the Predictive modeling project are to develop and deploy an algorithmic solution (i.e., underwriting predictive model) for AIG guaranteed cost workers compensation business that will enable AIG to prospectively differentiate the most profitable insureds from the least profitable, thereby enabling AIG to make more informed underwriting decisions about each potential insured. Using this information, AIG will be able to make better decisions regarding policy acceptance or declination and, once deciding to write the risk, at what price the risk should be written.*

*As a Sr DS developer, I designed, developed, and deployed Data Stage Jobs and associated functionality. The warehouse employed highly complex data transformations including slowly changing Dimensions and a series of Stored Procedures, which made performance tuning and efficient mapping highly critical.*

*Responsibilities*

* *Used the Data Stage Designer to develop processes for extracting, cleansing, transforming, integrating and loading data into staging tables.*
* *Extensively used ETL to load data from IBM DB2 database, XML & Flat files Source to Informix Database Server.*
* *Involved in analysis, planning, design, development, and implementation phages of projects using IBM Web Sphere software (Quality Stage v8.0.1, Web Service, Information Analyzer, Profile Stage, WISD of IIS 8.0.1).*
* *Developed complex jobs using various stages like Lookup, Join, Transformer, Dataset, Row Generator, Column Generator, Datasets, Sequential File, Aggregator and Modify Stages.*
* *Created queries using join and case statement to validate data in different databases.*
* *Created queries to compare data between two databases to make sure data is matched.*
* *Used the Data Stage Director and its run-time engine to schedule running the solution, testing and debugging its components, and monitoring the resulting executable versions on an ad hoc or scheduled basis.*
* *Created shared container to incorporate complex business logic in job.*
* *Monitoring the Data Stage job on daily basis by running the UNIX shell script and made a force start whenever job fails.*
* *Created and modified batch scripts to ftp files from different server to data stage server.*
* *Extensively used slowly changing dimension Type 2 approach to maintain history in database.*
* *Created Job Sequencers to automate the job.*
* *Modified UNIX shell script to run Job sequencer from the mainframe job.*
* *Create parameter set to assign a value to job at run time.*
* *Standardized the Nomenclature used to define the same data by users from different business units.*
* *Created multiple layer report providing a comprehensive and detail report with Drill through facility.*
* *Used Parallel Extender for Parallel Processing for improving performance when extracting the data from the sources.*
* *Worked with Metadata Definitions, Import and Export of Data Stage jobs using Data stage Manager.*
* *Providing the logical data model design, generating database, resolving technical issues, and loading data into multiple instances.*
* *Implemented PL/SQL scripts in accordance with the necessary Business rules and procedures.*
* *Developed PL/SQL procedures & functions to support the reports by retrieving the data from the data warehousing application.*
* *Used SQL programming to develop Stored Procedures/Functions and Database triggers.*

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| **Client: American International Group** Feb 2010 – June 2011 |
| *Role: IT Analyst Project: American International Workers Compensation System – Pay As You Go* |

*WCPAYGO® Plan will tie the amount and the due date of periodic premium payments directly to the premium earned, in accordance with customer’s payroll cycles. It is a variable installments plan, based on voluntary self-reporting of payrolls by the customer or its payroll service company (“WCPAYGO® Partner”), at the end of each of its payroll periods. The earned premium will be calculated and the sum will be notified back to the customer by electronic invoice in e-mails. The customer will be directed to place funds in that amount into an electronic-funds-transfer-enabled (EFT or ACH) account or to pay the due amount by check. The funds will be pulled promptly if EFT or ACH account is available. After the policy expires, a premium audit will be performed, any premium adjustment will be booked, and the difference between the total earned premium and the paid premium will be invoiced to the customer.*

*Responsibilities*

* *Extracted data from source systems transformed and loaded into Db2 database according to the required provision.*
* *Primary on-site technical lead during the analysis, planning, design, development, and implementation stages of data quality projects using Integrity (now known as Quality Stage).*
* *Involved in system analysis, design, development, support and documentation.*
* *Created views for hiding actual tables and to eliminate the complexity of the large queries.*
* *Created various indexes on tables to improve the performance by eliminating the full table scans.*
* *Used the Data Stage Designer to develop processes for extracting, cleansing, transforming, integrating and loading data into Data Marts.*
* *Created source table definitions in the Data Stage Repository.*
* *Identified source systems, their connectivity, related tables and fields and ensure data suitability for mapping.*
* *Generated Surrogate ID’s for the dimensions in the fact table for indexed and faster access of data.*
* *Created hash tables with referential integrity for faster table look-up and for transforming the data representing valid information.*
* *Used built-in as well as complex transformations.*
* *Used Data Stage Manager to manage the Metadata repository and for import/export of jobs.*
* *Implemented parallel extender jobs for better performance using stages like Join, Merge, Sort and Lookup, transformer with different source files complex flat files, XML files.*
* *Optimized job performance by carrying out Performance Tuning.*
* *Created Stored Procedures to confirm to the Business rules.*
* *Used Aggregator stages to sum the key performance indicators in decision support systems and for granularity required in DW.*
* *Tuned Data Stage transformations and jobs to enhance their performance.*
* *Used the Data Stage Director and its run-time engine to schedule running the solution, testing and debugging its components, and monitoring the resulting executable versions on an ad hoc or scheduled basis.*
* *Scheduled Data Stage job using Autosys scheduling tool.*
* *Prepared the documentation of Data Acquisition and Interface System Design.*
* *Assigned the tasks and provided technical support to the development team.*
* *Monitored the development activities of the team and updated to the Management.*

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| **Client: American International Group** Feb 2009 – Feb 2010 |
| *Role: IT Analyst Project: eWorkers Compensation - Enhancements* |

*e-Workers Compensation is an online worker’s compensation policy underwriting system. The system allows brokers to submit a submission and obtain a quote and bind order. The system generates the quote and binder letter indicating coverage. Additionally the system enables the business to implement rules that result in instantaneous declination decisions and broker of record notices.*

* *Worked on the logical and physical design of the Data warehouse. Identified sources/targets and analyzed source data for dimensional modeling.*
* *Good knowledge on Voluntary Insurance plans to employers to offer total Insurance packages.*
* *Good knowledge on policy and claims processing*
* *Designed and developed jobs for extracting, transforming, integrating, and loading data into data mart using Data Stage Designer, used Data Stage manager for importing metadata from repository, new job categories and creating new data elements*
* *Data Stage jobs were scheduled, monitored, performance of individual stages was analyzed and multiple instances of a job were run using Data Stage Director.*
* *Used Parallel Extender for splitting the data into subsets, utilized Lookup, Sort, Merge and other stages to achieve job performance*
* *Developed user defined Routines and Transformations for implementing Complex business logic.*
* *Extensively used Shared Containers and Job Sequencer to make complex jobs simple and to run the jobs in sequence*
* *Involved in the preparation of ETL documentation by following the business rule, procedures and naming conventions.*
* *Created reports for various Portfolios using the Universes as the main Data Providers.*
* *Created the reports using Business Objects functionality’s like Queries, Slice and Dice, Drill Down, Cross Tab, Master Detail etc.*
* *As a part of report development, created the reports using universes as a main data provider and using the Powerful business objects functionalities, and formulae. Involved in trouble shooting of various reporting errors.*
* *Created Business Objects reports, Queries with constant interaction with the end users. Trained end users in understanding the reports. Functionalities such as Slice and Dice, Drill mode and Ranking were used for Multidimensional Formatting.*
* *Web Intelligence was used to generate reports on the internet/intranet.*
* *Exported the Reports to the Broadcast Agent and Used the Broadcast Agent to Schedule, Monitor and Refresh the Reports.*
* *Developed Test plans, Test Scenarios and Test cases for Code testing.*
* *Trained team members*
* *Provided 24/7 production support*

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| **Client: American International Group** Jan 2007 – Feb 2009 |
| *Role: Assistant System Engineer Project: eWorkers Compensation* |

*e-Workers Compensation is an online worker’s compensation policy underwriting system. The system allows brokers to submit a submission and obtain a quote and bind order. The system generates the quote and binder letter indicating coverage. Additionally the system enables the business to implement rules that result in instantaneous declination decisions and broker of record notices.*

*Responsibilities:*

* *Used the Data stage Director and the runtime engine to schedule running the solution, testing and debugging its components and monitoring the resulting executable versions (on adhoc or scheduled basis).*
* *Involved in Extracting, cleansing, transforming, integrating and loading data into data warehouse using Data stage Designer.*
* *Developed user defined Routines and Transformations by using Universe Basic.*
* *Made modifications in the UNIX scripts to automate the policy reporting.*
* *Preparing System/User Documentation and Documentation of Business rules.*
* *Carried out Unit Testing and Integration Testing.*
* *Job Monitoring and analysis of problems using CA tool.*
* *Designed database elements (SQL Server) with proper constraints.*
* *Created and deployed of integration service packages*