**Varsha**

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**Summary:**

* Over 7+ years of experience working in various domains as SAS Developer/ SAS Programmer and SAS BI, Business Analyst in Analysis, design, development, testing and validating the applications USING SAS V9
* Expertise in SAS/BASE, SAS/MACRO, and SAS/ODS, SAS/SQL, SAS/STAT, SAS/GRAPH, SAS/ACCESS, and SAS/CONNECT in UNIX and Windows environments
* Strong working knowledge in SAS v9.1/9.1.3/9.2 and Base SAS, SAS/Stat, SAS/Graph, SAS/Macro, SAS/ODS, SAS/Access, and SAS/SQL under Windows environment.
* Strong experience with databases like Oracle, MS SQL Server 2000, DB2 and MS Access
* Experience in maintaining a large multi-platform SAS environment it includes SAS Business intelligence tools and SAS application tier.
* Expertise in using various SAS report generating procedures like PROC REPORT, PROC SQL, PROC FREQ, PROC MEANS, PROC TABULATE, PROC TRANSPOSE and PROC PRINT
* Worked closely with SAS Experts during SAS 9.4 installation and configuration.
* Hands on experience in performing client installations of various SAS products like SAS Enterprise Guide, SAS Enterprise Miner, SAS Add-in and SAS Model Manager on user machines.
* Strong knowledge of the operating systems that SAS is installed on like its memory management, file system Architecture, CPU utilization etc.
* Excelled in Change Management procedures, problem management procedures and version control for SAS code
* Experience in Data Analysis, Data Requirement Analysis, and Data Mapping for ETL process
* Ability to write SQL queries using PROC SQL.
* Experience in utilizing SAS Procedures, Macros, and other SAS applications for data extraction, data cleansing, data loading and reporting. Involved in the data analysis, DB creation, applying database constraints and make ready to load onto database
* Customize the variables to user-defined formats using PROC FORMAT in printing reports.
* Experience in working with SAS ENTERPRISE GUIDE SOFTWARE for reporting and analytical tasks
* Extensive knowledge of advanced SAS/STAT procedures including UNIVARIATE ANALYSIS, REGRESSION, ANOVA, GRAPH AND PLOT
* Perform ad hoc analyses as per user guidelines and reports and transform data into various formats like CVS, EXECL, and ASCII.

**TECHNICAL SKILLS:**

* **SAS Skills**: SAS/BASE, SAS/GRAPH, SAS/MACRO, SAS/SQL, SAS/ACCESS, SAS/ODS, SAS/STAT.
* **Operating Systems:** Windows 98/2000/XP, Windows Vista, Windows 7, Unix/Linux, MAC.
* **RDBMS :** Oracle, Teradata , SQL server.
* C, HTML, Python

**Education:**

* Bachelor in computer science, JNTU University, India

**PROFESSIONAL EXPERIENCE:**

**Capital One Bank, Richmond, VA July 2015-Present**

**ROLE: Senior SAS Consultant**

**Responsibilities:**

* Utilized SAS BASE and Advanced SAS for Programming
* To generate data to show revenue opportunities of existing accounts using PROC SUMMARY, PROC FREQ, PROC MEANS, PROC SORT, PROC PRINT, PROC TABULATE and PROC REPORT.
* Experience in writing complex queries within SAS & SQL.
* Performed Data analysis, statistical analysis, generated reports, listings and graphs using SAS Tools–SAS/BASE, SAS/MACROS and SAS/GRAPH, SAS/SQL, SAS/Connect, SAS/ACCESS.
* Used SAS DI Studio to extract data from Oracle, Teradata and SQL server
* Developed end-to-end reporting based on business requirements.
* Solved complex issues and implemented solutions to enhance productivity, improve quality and customer satisfaction.
* Developed programs using BASE SAS, SAS/SQL and SAS MACROS to generate new reports.
* Proficient in shell scripting and performance tuning within a Unix/Linux Environment.
* Created Macros and developed SAS programs for Data cleaning, Validation, Analysis and Report generation using newly created as well as existing macros.
* Written code in SAS to connect to TERADATA to retrieve the data from the table.
* Created some scripts in UNIX for File Transfer from one Server to Other using SFTP.
* Worked with Cross functional teams from Business intelligence management, marketing, retentions, operations etc.
* Used base SAS and SAS/SQL to generate tables.
* Used the Import and Export facilities in SAS to exchange data between SAS and Microsoft Office environments (Excel, Access).
* Used Dynamic Data Exchange (DDE) feature of SAS for importing and exporting of data from and into SAS, MS Access and Excel.
* Data integration of different individual Business units to create appointment date file by using Macros, Data steps, Match Merge and Hash-look up.
* Initially created tables and views in Teradata and used a BI/Query model for local users to access the data tables and reports.

**Environment:** SAS 9.3, SAS/BASE, DDE/EXCEL, SAS/SQL, SAS/ODS, SAS/GRAPH, SAS/MACROS, UNIX, WINDOWS, Enterprise Guide, Shell Scripting, SAS/ACCESS.

**PNC Bank, Pittsburgh, PA June2013 - June2015**

**ROLE: Sr SAS consultant**

**Responsibilities:**

* Expertise in design, implementation, testing of Loans, Deposits feeds into Netezza.
* Performed Data analysis, statistical analysis, generated reports, listings and graphs using SAS Tools–SAS/BASE, SAS/MACROS and SAS/GRAPH, SAS/SQL, SAS/Connect, SAS/ACCESS.
* Used SAS DI Studio to extract data from Oracle, Teradata and SQL server
* Developed end-to-end reporting based on business requirements.
* Solved complex issues and implemented solutions to enhance productivity, improve quality and customer satisfaction.
* Developed programs using BASE SAS, SAS/SQL and SAS MACROS to generate new reports.
* Extracting data from the database using SAS SQL procedures and create SAS data sets.
* Coding SAS programs with the use of BASE SAS and SAS/MACROS for ad hoc jobs.
* Programmed in SAS for the development of a large reporting System using SAS/ACCESS to accessing DB2 relational tables.
* Creating Jobs Using multiple transformations like Extract, Append and SQL Joins etc.
* Coding SAS programs with the use of Base SAS and SAS/Macros for ad-hoc jobs.
* Developed web-based reports, scorecards, and dashboards using SAS Information Delivery Portal, Web Report Studio, BI Dashboard, Stored Processes, and SAS Server pages
* Created OLAP cubes using SAS OLAP tools for the creation of dashboards and drill-through web based reporting.
* Developed methods to streamline analysis and present business critical information through a combination of SAS BI dashboards and web-based reporting
* Developed ETL processes extracted data daily from Mainframe DB2 and ORACLE Databases, and loaded data into a SAS based Decision Support Warehouse
* Data mining process using SAS EM / SEMMA (sample, explore, modify, model and access) scheme, and predictive analytics and report writing using SAS Enterprise Miner, SAS Enterprise BI guide, SAS BASE 9 and SAS reporting tool .
* Build Predictive Logistic Regression, Tree, and Neural Network B-to-B Analytic Churn Models with Enterprise Mobility Network Data, Corporate Revenue Data, and Corporate Market Research Data.
* Present All Findings to Client. Model Lift Gains Charts Consistently Exceeded Expectations
* Integrate Millions of Records from Numerous Databases into One Comprehensive Database.
* Scheduled jobs for SAS User's, installed SAS Server and client components whenever needed.

**Environment:** SAS AML 5.1, Oracle 11g, Secure CRT 5.0, SAS EG 6.1, SAS E miner 6.2SAS Visual Analytics 6.2, UNIX-AIX 5.3/AIX 6.1, SAS 9.4/SAS 9.3, EBI tools, SAS Personal Login manager SAS Base, SAS SQL and Macros, SSIS, SSAS

**American Family, Madison, WI Oct2012-May2013**

**Role: SAS consultant**

**Responsibilities:**

* Generated high quality reports in the form of listing, HTML, RTF and PDF formats using SAS ODS.
* Make the results actionable for Marketing, Campaign Planning, Strategic Planning, Finance and Sales organizations.
* Creating & analyzing Business Requirements Documents (BRD) and preparing Functional Requirement Documents (FRD) and Technical Documents.
* Performed statistical analysis and data management on study data by utilizing appropriate statistical methods using SAS and SAS tools.
* Integrate results of the Marketing Mix Analysis, Price Elasticity and other advanced analyses into business planning process.
* Worked on Sql combined in Database environments like SAS, ORACLE and TERADATA.
* Broadly involved in Data Extraction, Transformation and Loading (ETL process) from source to target systems using Data stage PX.
* Worked on fast pace in Data Integration studio and managing data integration processes with large data sets.
* Delivered a rational intelligence strategy, providing useful intelligence that supports the changing needs, business units and departments using SAS Enterprise intelligence platform.
* Ability to dig into raw data to find and evaluate actionable insights that will help the organization.
* Analyze and interpret significant results based on data summaries.
* Work closely with different Marketing Groups in designing and analyzing the data.
* Extract the data from a data warehouse and create ad-hoc reports, tables, and graphs according to Business needs.
* Results are performed using SAS programming and using techniques such as SAS Macro language, advanced data manipulation, and statistical procedures (e.g., PROC FREQ, PROC REPORT).
* Used various procedures such as Proc Tabulate, Proc Means and Proc Report to generate tables, listings, graphs and reports.
* Provide SAS Programming support and technical assistance in the accurate development and intermediate steps required.
* Used SAS ODS to create HTML, RTF and PDF outputs files in the process of producing reports.
* Tested and debugged existing MACROS.
* Used SAS DATA \_ NULL\_ and PUT statements to create the customized reports.
* Used PROC compare to compare the data before and after editing.
* Developed various SAS reports for Survey project and involved in code reviews for all the developed reports.

**Environment:** SAS 9.1.3/9.2, BASE/SAS, Mainframe, SAS Enterprise Guide, SAS/MACRO, SAS BI, SAS/SQL, SAS/CONNECT, SAS/ACCESS, SAS/ODS, Oracle 11g, Teradata, UNIX and Windows XP.

**ICICI, Hyderabad, India Aug 2010 – July 2012**

**Role: SAS Consultant**

ICICI Bank provides Personal Banking, Corporate and Business Banking. I was involved in the revenue assurance department handling Fraud management patterns. I was involved in data cleaning, data manipulation, requirement gathering, generating reports, statistical analysis and data analysis.

**Responsibilities:**

* Modified data using SAS/BASE and Macros
* Employed techniques like sorting and merging on the raw data sets and coded them using Proc SQL and SAS Macro facility to get the required output
* Prepared graphs using the modified data for business analysis
* Creation of Data Sets on the Remote Server
* Used shell programming to run weekly and monthly reports
* Used SAS/ACCESS to gather data from RDBMS like TERADATA
* Coordinating the production of monthly, quarterly, and annual performance reports for senior management
* Extensively used SAS/ Macro facility to provide reusable programs that can be conveniently used to update reports
* Used SAS Data Integration Studio to develop various jobs processes for extracting, cleansing, transforming, integrating, and loading data into Data marts and Data warehouse database
* Extracted data sets from server using PROC IMPORT and created datasets in SAS libraries
* Coding SAS programs with the use of SAS/BASE and SAS/Macros for Ad-hoc reports
* SAS scripts on UNIX are run, and the output datasets are exported into SAS
* Maintained and enhanced existing SAS reporting programs for marketing campaigns
* Maintained SAS statistical analysis for the products purchased every month
* Run reporting programs and download the results into EXCEL and build pivot tables
* Presented the results and statistical reports in PowerPoint for marketing staff

**Environment:** SAS/BASE, SAS/STAT, SAS/SQL, SAS/MACRO, SAS/ACCESS, SAS/ODS, MS Access, Excel, TERADATA.