

JAVED NAINAR

Lead SAS Programmer

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SUMMARY

- Certified Statistical SAS Base Programmer with overall experience of 15 years working with SAS and SAS tools emphasizing on analysis, program development, QC and validation in life science and Healthcare, Banking industries on Windows and UNIX environment.
- Rich experience in building Logistic Regression, Random Forest, Decision tree models
- Developed Probability of Default (PD) models to assess Credit Risk for various portfolios, including retail, commercial, and wholesale.
- Implemented Market Risk for major Banking client in UAE and Public sector bank in India
- Experienced in gamut of data management activities like Data Extraction, Data Preprocessing, Data Modification, Validation, Visualization, Analysis, Management and Reporting using SAS
- Migrated SAS codes to Pyspark for Clinical trial studies.
- Solid understanding of Healthcare, Finance business operations and strategies, adept at translating complex business needs into technical requirements and executing solutions through meticulous SAS Programs, SQL Queries
- Coordinate with team members and stakeholders, manage resources, and mitigate risks.
- Capable of conducting component-level work across all phases of enterprise solutions, from development to implementation, including SAS Base/ advanced programming and macro development.
- Deep interpersonal and communication skills, capable of fostering stakeholder collaboration and effectively managing team dynamics.
- Managed Onshore / Offshore team of 10+ members in on premise to SAS Banking/Financial modelling project.

SKILL SET

DOMAIN- PROGRAMMING LANGUAGES

- **Clinical and Banking-** SAS/BASE, SAS Macros, SQL, Python and Pyspark

DOMAIN- SAS TOOLS

- **Clinical and Banking-** SAS Enterprise Guide, SAS Enterprise Miner, SAS Data Integration Studio, SAS Access

DOMAIN- DATABASES

- **Clinical and Banking-** Oracle, MS ACCESS and SQL Server, Teradata and DB2.

PROFESSIONAL CERTIFICATIONS/TRAININGS

- SAS Certified BASE Programmer for SAS9 from SAS INDIA

ACADEMIC QUALIFICATION

University of Madras (Oct 2000)

- B. Tech (Polymer Technology)

WORK EXPERIENCE

ICON Clinical Research, Chennai (Jan 2024 to present)

Designation: Lead SAS Programmer

Hexaware Technologies, Chennai (Feb 2021 to Nov2023)

Designation: Technical Architect

Virtusa Consulting India Ltd., Chennai (Aug 2017 to Oct 2019)

Designation: Lead Consultant

L&T Infotech (Oct 2015 to May 2016)

Designation: Team Lead

Syntel India Ltd., Chennai (July 2012 to Apr2015)

Designation: Project Lead

IGATE Bangalore (Mar 2010 to Jun2012)

Designation: SAS Technical Lead

Wipro Ltd Bangalore from (2008 to Mar2010)

Designation: SAS Programmer

KEY PROJECTS EXECUTED

Project 1: SAS Risk Management

Tools: Base SAS and SAS Risk dimensions

Roles and Responsibilities:

- Extracted Data from Oracle Database and converted to SAS Datasets
- Extensively used procedures like PROC FREQ, PROC MEANS, PROC SORT, PROC PRINT, PROC TABULATE, PROC REPORT and PROC RISK
- Extracted data using SAS/SQL procedures and created and updated SAS data sets
- Populated all the ETL data into SAS Risk Dimension for deriving the Market risk analysis

Project 2: SAS Programmer, Data Validation

Tools: SAS 9 /BASE, SAS/MACROS, SAS/SQL, SAS/ACCESS and SQL.

Roles and Responsibilities:

- Gathering requirements from the user, Involved in performance tuning and optimization of SAS codes for the banking customer
- Involved in Performance tuning of SAS ETL jobs and provided best practice for joins, Load and Look ups, Used SAS Macros to reduce the number of lines of codes, Handling the team from Offshore, Majorly involved in Optimizing and automating the SAS codes.
- Some SAS codes were taking much time to create / pull the reports. I have optimized those SAS codes to minimal the data pulling time.

Project 3: SAS Risk Analytics

Tools: SAS DI Studio, SAS Enterprise Guide and SAS Enterprise Miner

Role: SAS Model Development and Validation

Roles and Responsibilities:

- Gathering requirements from the user, Converting business questions to statistical questions, Developed SAS ETL codes for data preparation using SAS EG, Involved in building PD Model and Model validation using SAS Enterprise Miner, Used Boxplot, Z score and Interquartile range to detect outliers and Capping & Flooring method to handle outliers., Developed Machine Learning Models Decision Tree, SVM, Logistic regression, Naïve Bayes to predict the model outcome, Evaluate the ML models performance using various measures like F1 score, precision, recall, confusion matrix.

Project 4: SAS Programmer in Banking development of Market Risk

Tools: Base SAS and SAS Risk Dimensions

Role: Senior SAS Programmer

Roles and Responsibilities:

- Developed SAS programs to extract, analyze, and report on market risk exposure, including VaR (Value at Risk), stress testing, and scenario analysis.
- Generated daily, weekly, and monthly risk reports to monitor key metrics, such as interest rate, FX, and equity risk exposures.
- Created and automated dashboards and risk reports for senior management and stakeholders to facilitate decision-making.

Project 5: SAS Lead

Tools: BASE-SAS, SAS-MACROS and SAS-SQL

Role: Senior Programmer

Roles and Responsibilities:

- Gathering requirements from the user, Converting business questions to statistical questions, Carried out Data Extraction using Proc SQL pass through facility, Summarized datasets and involved in data preparation, Developed PD models using Logistic Regression in SAS
- Worked on Credit Risk Model predicting the PD, LGD to make data driven decision for finance operational problems.
- Performed Exploratory Data Analysis in drawing the data patterns and to identify the features and uncover the correlated features to make hypothesis for an desirable outcome., Created variable clusters using PROC VARCLUS, Used PROC CORR and VIF to check correlation between the variables

Project 6: Lead SAS Programmer

Tools: SAS Enterprise Guide, Python

Role: Lead Programmer

Roles and Responsibilities:

- Developing and validation of SDTM domains using SAS and Pyspark, Worked on multiple exports for multiple clients in validating SDTM domains(TU,TR,RS Domains) mainly for oncology study, Identifying issues and updated the Issue log and Communicating with the team and the Data Management., Ensure on-time quality delivery, coordination, manage technical and functional reviews.
- Estimating programming scope of work, communicating project status with Team Lead and negotiate/re-negotiate project timelines for deliverables.
- Establishing a good rapport with the team., Performing back-end check activities.

Project 7: Lead SAS Programmer (Jan2024-Present)

Tools: Base SAS, PYSPARK and EDC

Role: Lead Programmer

Roles and Responsibilities:

- Provide understandable and actionable reports on clinical data and monitoring of clinical data for key stakeholders, Programming reports of various complexity from documented requirements, within the clinical reporting system using SAS
- Basic understanding of Novartis Clinical Data Standards and its implementation of creation of reports specification or report outputs, Converted SAS codes to Pyspark for Clinical trial studies and reporting, Perform complex data processing tasks such as joins, aggregations, filtering, and sorting using PySpark., Develop reusable PySpark functions to implement common transformations, ensuring code modularity and efficiency.
- Handle data quality tasks, such as data validation, error handling, and null value imputation., Facilitate communication between business stakeholders and the project team to ensure alignment., Resolve technical challenges and ensure the solution aligns with business requirements.