|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | **SHREYA R**  **Sr. SAS Programmer** | MOBILE: (414)9493199  EMAIL: [shreyaranga96@gmail.com](mailto:shreyaranga96@gmail.com) | |
| A picture containing text  Description automatically generated | |
|  | **TECHNICAL SUMMARY** | | |  |

* **Sr. SAS Programmer** with up to **5** years of experience in analysis, design, development, testing, and implementation of SAS programs in the Pharmaceutical & CRO industry.
* Expertise in **BASE SAS, SAS/MACROS, SAS/SQL, and SAS/ODS** in Windows environment.
* Thorough experience in the analysis of Clinical Trial data and in the creation of **SDTM**, **ADAM datasets**, **Tables, Listings, Graphs**, Reports, and Summaries as per requests of clients, according to **Protocol** and **Statistical Analysis Plans**.
* Experience in working on **SDTM** using **SDTM** **IG 3.2** and **ADaM** using **ADaM IG using 1.2.**
* Experience with Clinical Trails methodologies, exposure to **phase I/II and III** of Clinical Trials, and submissions in various therapeutic areas and good knowledge about Medical Terminology
* **Created** and **Validated** Analysis datasets and **Tables, Listings, Graphs.**
* Thorough experience in Programming Validation - **double programming** method for critical outputs.
* Good experience in **Oncology,** **Anti-Metabolic**, **Cardiology** areas.
* Experienced in producing RTF, HTML, and PDF formatted files using SAS.
* Experienced in providing **Ad-hoc** reports under tight timelines.
* Proven ability to work effectively on multiple tasks simultaneously and meet project deadlines.
* Excellent analytical, problem-solving, communication, and interpersonal skills, with the ability to interact with individuals at all levels. Ability to work efficiently as part of a team and as an individual. Enthusiastic, innovative, and challenge oriented.
* Possess a strong ability to adapt and learn new technologies and new study lines rapidly.

|  |  |  |
| --- | --- | --- |
|  | **TECHNICAL EXPERTISE** |  |

Statistical Analysis Using SAS® (SAS® STAT, SQL, MACROS, PROC'S, V8/V9 and GRAPH)

Database/Software: LINUX, PINNACLE 21, CDISC Validator, WINDOWS, Atom, Jupyter Notebook, PyCharm, MySQL, SQLite, Protégé.

OS: Linux, WINDOWS

Packages: MS Word, MS Excel, MS PowerPoint, MS Access, MS Project Management.

Certifications: SAS Certified Professional: Advanced Programming Using SAS 9.4, SAS Certified Specialist: Base Programming Using SAS 9.4.

|  |  |  |
| --- | --- | --- |
|  | **PROFESSIONAL EXPERIENCE** |  |

**Duke Clinical Research Institute**

**Statistical Analyst Programmer (Aug 2021 – Feb 2022)**

* Provided Statistical support in cardiology therapeutic area for both adult cardiac and congenital cardiac diseases.
* Reviewed programming specifications of efficacy & safety datasets of patient data.
* Worked mainly in process of Validating analysis datasets, TLF’s with parallel programming using PROC FREQ and PROC SQL.
* Validated analysis datasets with other programmers’ SAS outputs and mockups in SAP using PROC COMPARE, PROC CONTENTS, and PROC FREQ.
* Documented, summarized, and recorded data as per standard operating procedures (SOPs) and study regulations.
* Involved in review of mock-shell development, derived dataset specifications, programming specifications, and other process supporting documents.
* Worked extensively in data cleaning and executed checks in different domains of adult and congenital thoracic surgeries.
* Played a key role in developing and debugging the project-specific SAS programs to generate derived SAS datasets, summary tables, and data listings in accordance with departmental standards
* Performed extensive QC (Quality Check) and analysis in reviewing and rendering other team members work and provided primary support and assistance in data validation and data cleaning in all phases of clinical studies
* Worked collaboratively with statisticians and clinical data managers in analyzing the clinical trials and generating reports
* **Environment:** SAS STUDIO, UNIX, SAS/BASE, SAS/MACRO, SAS/SQL, SAS/ODS, SAS/STAT

**Covance**

**Sr. SAS Programmer (Dec 2019 – Jun 2021)**

* Provided statistical programming support for Phase II and III clinical studies in different therapeutic areas, including diabetes, Hematology, and Oncology.
* Used SAS/Access to extract data into SAS and created the datasets and analyzed data based on the Demographic Information.
* Created reports in different formats like RTF, PDF, and HTML using SAS output delivery system (ODS).
* Generated SDTM and ADaM datasets following IG and CDISC standards. Created tables, listings, and graphs, including Patient Demography Adverse Events, Vitals, Con Meds and Laboratory, etc.
* Checked CDISC SDTM compliance on datasets using Pinnacle 21.
* Interacted with Biostatisticians regularly for programming and validation of clinical data in analysis data sets.
* Wrote Edit Check programs for data validation before final analysis.
* Experienced with Ad hoc programming and reporting.
* Investigated missing data and data anomalies in SAS data sets.
* Generated reports using PROC TABULATE, DATA \_NULL\_, PROC REPORT and found out descriptive statistics using PROC MEANS, PROC FREQ, PROC SUMMARY, PROC SQL, and PROC UNIVARIATE.
* Extensively performed Data manipulation on SAS datasets using various techniques such as Interleaving, Merging, Appending, Concatenating, and Sorting.
* Participated in regular group meetings consisting of Statistician, Development, and Clinical research teams to analyze the results.
* **Environment:** SAS 9.1/9.2 Windows NT/7, SAS/BASE, SAS/MACRO, SAS/ACCESS, SAS/SQL, SAS/ODS, SAS/STAT, and SAS/GRAPH

**Zymeworks**

**SAS Programmer (Feb 2017 – Nov 2019)**

* Created Analysis datasets referring to the specifications provided according to CDISC standards.
* Experienced in phase II and III clinical trials in different therapeutic areas, including Oncology.
* Produced data listings, summary tables, and graphs for analysis.
* Provided data in SAS transport files and other appropriate deliverables and documentation for regulatory submissions.
* Created and maintained libraries of SAS application programs, formats, and macros.
* Performed validation on clinical trial data.
* Created annotated case report form using CDISC-SDTM mapping.
* Created CRTs (Case Report Tabulations) using CDISC standards for submissions to the FDA.
* Experienced in running PINNACLE21 and creating Define.XML and Study Data Reviewers Guide (SDRG) and Analysis Data Reviewer's Guide (ADRG).
* Generated Listings and Tables using PROC REPORT.
* Extensive use of PROC FREQ, PROC MEANS, PROC UNIVARIATE, PROC TRANSPOSE, PROC MIXED, PROC REPORT, PROC TABULATE, Data \_Null\_, and Chart procedures.
* Created graphs by using various SAS procedures like PROC GCHART, PROC GPLOT, PROC LIFE TEST, and PROC UNIVARIATE.
* Produced RTF and HTML formatted files using SAS/ODS to produce ADHOC reports for future reference.
* Enhanced reports through SAS formats, user-defined formats, labels, titles, footnotes, and SAS System reporting options.
* Developed MACROs to replace repetitive codes for generating descriptive statistics.
* Debugged SAS programs using PUT, Data \_NULL\_ statements in code reviews and testing.
* **Environment**: SAS 9.1/9.2, Windows 10, MS Excel, SAS/BASE, SAS/ODS, SAS/MACRO, SAS/ACCESS. SAS/GRAPH and SAS/STATS

|  |  |  |
| --- | --- | --- |
|  | **EDUCATION** |  |

**Master's in Healthcare Informatics**

College of Health Sciences, University of Wisconsin – Milwaukee