

# Rai Rai

SAS Programmer at Synergetic SAS Consulting Inc.

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## Experience

### **SAS Programmer at Synergetic SAS Consulting Inc.**

#### **Senior SAS Programmer at Cytel Inc. (CRO)**

March 2012 - October 2012 (8 months)

Cytel Inc. Boston, MA (Home Based)

Mar 2012—Oct 2012

CDISC Programmer and SAS Programmer ( through Experis Inc.)

- Mapping of Clinical Trial data from source EDC data to generate SDTM datasets domains using CDISC standards .
- Reviewed annotated SDTM CRF and created mapping specifications from source CRF data to meet CDISC SDTM standards/sponsor standard.
- Created database specifications and metadata specifications for SDTM, ADaM data models.
- Work with other team members to ensure outputs are correct and complete.
- Contributed in producing CDISC SDTM domains for Phase I, II, and III studies. This includes domains for Special Purpose(DM, SE,CO, SV). Events (AE, DS, MH,DV) 3. Findings (PC,PP,PD, LB,VS,QS,PE,DA, EG), Interventions (CM,EX,SU) and Trial Design (TA,TV,TS,TE,TI).
- Produced and migrated all the PK related domains PK, Pharmacokinetic (PC concentration and PP parameters) and Pharmacodynamic (PD concentration and parameters).
- Checked SDTM compliance through OPENCDISC VALIDATOR.
- Converted different file formats (Excel, CSV, Plain Text Files) to SAS datasets.
- Created coding datasets for AE, MH, CM from raw datasets.

#### **Senior SAS programmer at Symbiance Inc. (CRO)**

February 2011 - December 2011 (11 months)

Symbiance Inc. Princeton, NJ Jul 2011 – Nov 2011

Senior Statistical and CDISC Programmer.

- Developed mapping specifications for SDTM domains on SDTM IG Version 3.1.2.
- Produced SDTM domains(AE,DS,DM,LB,VS,EX,EG for Legacy Data ).
- Produced and validated Tables, Listings, Figures for ISS.
- Provided programming support in analysis of pain medication project, and epilepsy project. Developed all the SAS codes to generate ADaM data (ADSL, ADPIPR, ADLB, ADVS, etc), generated efficacy tables, Safety tables and Background tables. Validated the outputs generated by other programmers.
- Produced elegant graphs in Pain medication and PK parameters (Box plot, mean-sd plot, semi- log plot of geometric means).

### **Senior SAS Programmer at ICON plc**

February 2009 - December 2010 (1 year 11 months)

ICON Clinical Research, North Wales, PA Nov 2009 – Jul 2010

Contract Biostatistician

- Wrote independent SAS programs to QC/Validation of programmer's outputs for NDA submission.
- Checked that TLG follows all Statistical Analysis Plan specifications.
- Assisted in SAP and Mock Shell development of Oncology projects.
- Validated TLG and SAS programs for Anemia and Oncology projects.
- Therapeutic Areas: Phase II and III –Oncology (Breast Cancer, colorectal cancer) and Anemia.

### **Senior SAS Programmer (Ortho Diagnostics) at Johnson & Johnson**

May 2008 - February 2009 (10 months)

Johnson & Johnson (Ortho Clinical Diagnostics), Raritan, NJ

May 2008 - Feb 2009

Contract Statistical Programmer(SmithHanley)

- Developed Statistical Analysis Plan, extracted and built SAS data sets for analysis. Designed, coded and implemented SAS reports (tables, listings, graphs) for diagnostic trials using SAS/STAT, SAS/BASE, SAS/GRAPH and ODS on SAS 9.1 and SAS 9.2.
- Estimation of variance components, sensitivity and specificity analyses, calculated confidence intervals for sensitivity and specificity, cutoff analysis of signal to cutoff (S/C) ratio, determined distribution of S/C Ratios, scatter and histogram plots, summary statistics, comparing mean difference and paired t test.

### **Senior Statistical Programmer at ClinPro Inc.**

January 2007 - May 2008 (1 year 5 months)

ClinPro Inc., Bound Brook, NJ

Aug 2007 – May 2008

Contract Statistical Programmer(CSG Inc.)

- Designed, coded and implemented SAS reports (tables, listings, and graphs).
- Created and modified existing SAS programs and macros for data and reports.
- Assisted in FDA submissions of ISE and ISS with extensive graphs, tables, and listings.

Therapeutic Areas: Phase II and Phase III –Oncology, Cardiovascular, Diabetics studies, and Blood pressure reductions.

### **Senior SAS Programmer at Bristol-Myers Squibb**

February 2006 - December 2006 (11 months)

Bristol-Myers Squibb, Hopewell, NJ

Feb 2006 – Dec 2006

Contract Statistical Programmer(CSG-Inc.)

- Responsible for building and validating safety/efficacy/baseline datasets per specifications and writing SAS codes, macros and using validated Macros for generating TLFs.
- Participated in the development and review of study-specific procedures, case report forms, dataset requests, and other study documents. Actively participated in other departmental initiatives.

Therapeutic areas: Phase II and III projects - CV and Metabolics.

### **Senior SAS Programmer at Octagon Research Solutions**

January 2004 - February 2006 (2 years 2 months)

Octagon Research Solutions Inc., (CRO), Apr 2004 - Feb 2006

Contract Statistical Programmer

- Created mock shells from CRF, SAP and Protocols.
- Wrote SAS codes and macros for Efficacy, Safety, and Baseline tables, listings and graphs.
- Designed, wrote, and validated SAS programs for CDISC SDTM datasets.

Therapeutic Areas: CNS (depression), Pain medication, Oncology, and Fertility drugs.

### **Senior SAS Programmer at Merck**

August 2002 - September 2003 (1 year 2 months)

Merck Research Labs, Rahway, NJ Aug 2002 – Sep 2003

Contract SAS Programmer(SmithHanley)- Biostatistics and Statistical Programming (BARDS)

- Successfully completed several Electronic Submissions (Esub) programs.
- Wrote SAS code to build derived datasets, tables, listings, and figures.

Therapeutic Areas: Vioxx (Rheumatoid and Osteoporosis Arthritis, Post operative Pain).

### **Senior SAS Programmer at Purdue Pharma**

July 2001 - July 2002 (1 year 1 month)

Purdue Pharma L P, Princeton, NJ Jul 2001 – Jul 2002

Contract SAS programmer (ASG Inc.)

- Generated derived data sets and tables for demographic, primary efficacy, secondary efficacy, treatment emergent adverse events, vital signs, labs, and shift tables etc.
- Responsible for Primary efficacy analysis (Kaplan-Meier, Cox Proportional Hazard, and ANOVA) and Secondary efficacy analysis (Withdrawal effects: Kaplan-Meier, Cox, ANOVA/ANCOVA /Repeated Measures, etc.), Summary tables, listings and SAS graphs.

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## **Education**

**Mississippi State University**

1990 - 1995

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[Contact Rai on LinkedIn](#)