

CTC:8.5;Exp:11;NP:60days

Curriculum Vitae

# RAHUL SHARMA

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## Professional Summary

**Software Professional - Sybase 12.5/15.0, Sybase IQ 15.4, SQL Server 2008 / UNIX - Shell Scripting / Autosys**

- Working experience of 5.6 years includes study, analysis, design, development, implementation and maintenance in SYBASE, SQL Server 2008 and UNIX platform.
- **Business Domains (Projects): ITS-BFSI** - Investment Banking and Financial Services & Wealth Management with projects for risk management, GL and Tax accounting with particular focus on business reporting. Adept in compiling business requirements and translating them into integrated systems architectural solutions.

## Summary Of Skills

- Database : SYBASE 12.x/15.x, SQL Server 2008
- Scripting : UNIX Shell Scripting, Perl
- Job Scheduler Tools: Autosys
- Version Control : Perforce

### As a Sybase Database Developer worked on:

- **Back-End Programming:** Developed & written stored procedures triggers, cursors, and ad-hoc queries to assist in the development process, checking queries for achieving optimum performance and batches for smooth functioning. Written stored procedure to populate data for tables, populated data by running BCP utility, written constraints, rules and triggers to maintain integrity. Data Transfer and Transformation using tools like DTS, BCP.
- **Performance & Query Tuning:** Breaking long-running queries into smaller queries to enhance the performance. Handling database corruption, transaction log problems. Tuned various queries and stored procedures which ran for report generation through Excel and Crystal Report applications, created and designed Indexes on tables.
- Hands on Experience in Migration of databases from Sybase 12.5 to SQL Server 2008.
- Hands on Experience in Migration of databases from Sybase IQ 12.7 to Sybase IQ 15.4

### As a UNIX Development worked on:

- Working with Korn shell Scripting - Managing and Scheduling daily jobs relating to data transfer, creating Shell scripts for automating repetitive tasks, planning and scheduling using CRON jobs.

- Working with Scheduling of Jobs - Writing JLS for AUTOSYS jobs to automate the batches. Ability to create and debug Autosys jobs and dependencies. Ability to analyze a complex job stream and correct any inconsistencies, errors or omissions and point out potential problems.
- Hands on Experience in writing Perl Scripts and automation scripts.

#### **As for Data Reporting worked on:**

- Automated Excel report generation from Sybase, using VBA to insert data, refresh pivot tables, and update summaries.
- Designed new custom reports & modify existing reports using Crystal Report Designer and integrated these reports with SYBASE database, with SQL, Selection Criteria, Grouping, and Running Totals. Also worked on Crystal Reports automation objects.

### **Project Details & Career History**

SOCIETE GENERALE GLOBAL SOLUTION CENTRE (BANGALORE)  
2012- PRESENT

MARCH

Technologies: Sybase SQL 15.0, UNIX Shell Scripting, Autosys  
Role: Developer

#### **PROJECT: ELIOT (ITEC/DPR/GEF/ELIOT)**

This team focuses on maintenance of Eliot application used for mo operations. Eliot is the main and official application for equity and equity derivatives deals management. Deals in Eliot maybe booked in different way (trading tools, manually and excel spreadsheet). OTC and listed product like option, forwards, swaps cash loans, listed option futures, warrants and other exotic equity derivatives come under the preview of Eliot.

Predominantly Eliot manage middle office function for deal capture & enrichment, deal life cycle management, position management etc. It help is providing data to other risk & accounting application and provides deal data to BO application for further processing and settlement.

#### **IPV (Independent Price Verification)**

As a regulatory request and a best practice shared by leading financial firms, IPV (Independent Price Verification) is a key control on valuation of market activities. This controls aims at

- Ensuring that SGCIB balance sheet fair values are market using prices and parameters which sources are independent.
- Ensuring that the traders are marketing their position at fair value daily
- Measuring the P&L adjustment in comparison with our balance sheet position.

#### **IPV Stream 8-Hedging-Interest Rate Swap**

To create and automate the extract on a monthly basis for product, hedge, interest rate swaps; the extraction would retrieve following product come under hedge interest rate swap description:

- Rate Swap, Deposit Zero Coupon, Deposit with Coupon

#### **IPV Stream1-OTC Option**

Create and automate the extracts on monthly basis for OTC option. The extraction would retrieve all the product come under OTC option:

- OTC option (Option, FX Option, Commodity Option etc), Option as CLP leg, Option Warrant

#### IPV Stream9-Hedging-Forex Rate Products

To create and automate the extract on a monthly basis for hedging FOREX rate product. The extract would retrieve FOREX deals (Internal & External) with the following types.

- FOREX Spot (FXS), FOREX Forward (FXF), FOREX Swap (FXW), Non Deliverable Forward (NDF)

WIPRO TECHNOLOGIES (BANGALORE)  
2012

NOVEMBER 2010-MARCH

Technologies/Applications: Sybase SQL 15.0, UNIX Shell Scripting, Unix/Linux- Shell Scripting, Perl, Autosys  
Role: Developer

#### UBS ONE SOURCE (CORPORATE EMPLOYEE FINANCIAL SERVICES)

Client: *Union Bank of Switzerland*

UBS One Source is an online point of contact for plan participants, offers consolidated account information and transactions, account access and information about consolidated Account Summary that shows stock benefit plan account holdings, Transaction capabilities such as exercise of vested stock options and sales of available shares, transfer shares resulting from an exercise and/or cash to a bank account.

#### DCMP (DATA CENTRE MIGRATION PROJECT)

Intend of this projects was to migrate all the Batch jobs currently running on Unix Sun Solaris platform to Linux operating system. This includes identifying the across platform differences and changes to be made while migrating the jobs written in Perl Shell Scripting, thus ensuring the smooth flow in production deployment.

##### Roles & Responsibility Specifics

- Identified all the platform version related changes like identifying the command differences on UNIX and Linux. Handled the Perl version upgrade on Linux Platform and identified.
- Prepared test cases for the Batch jobs for pilot run at Integration and production boxes. Identified the Autosys jobs related changes and modified the same to make them Linux compatible.

#### GE MOBILITY FLIP PROCESS

Intend of this project was to pick up the file send by a client at ftp drop box with non-mobile and mobile participant information for RSA and ESOP information.

##### Roles & Responsibility Specifics

- Manage Exercise type establishment by location, subsidiary or country code.
- Developed stored procedure to calculate the consolidated account information and transactions for various stock plans and exercise and tax payment methods and Validates and Calculate International tax withholding, including country-specific statutory rate withholding, individual tax rate withholding and corporate payroll withholding.

- Testing of transactions based on various test scenarios and test cases to ensure completeness exercise and tax payment methods.
- Developed Shell script and Perl script for file pickup and processing the information for the database and update the information both in Sybase and Oracle database for the specific client file.

MINDTREE LIMITED (BANGALORE)

APRIL 2010-OCTOBER2010

Technologies/Applications: Sybase SQL 12.5, UNIX Shell Scripting

Role: Developer

**DBS FRONT ARENA RE-ENGINEERING (Client: Development Bank of Singapore Limited (DBS) Singapore.)**

MindTree's involvement in this engagement is to develop and modify a set of Report to cater the need of trading operation department and users of those reports. We provide following services as part of this engagement: Analysis of T&A-Reports and Data mart design, SQL development and Implementation and Testing & Go Live.

#### Roles & Responsibility Specifics

- Analysis of Market Operations Reports was done and details of observation/issues were captured in a spreadsheet.
- Developed and modify the SQL for reports & Testing of SQL was done based on various test scenarios and test cases to ensure completeness of testing
- Provided support to the onsite coordinator in fixing the issues/defects raised during system testing.
- Developed documentation of issues, status sheets, and Unit Test Plan, Detailed Test Plans and Test Cases & Release notes for future reference was released as part of deliverables along with source code.

SOCIETE GENERALE GLOBAL SOLUTION CENTRE (BANGALORE)

JUNE

2007- APRIL 2010

Technologies: Sybase SQL 12.5, Crystal Report 10, Excel/VBA, UNIX Shell Scripting, Autosys

Role: Developer

**PROJECT: RRF (ITEC/RRF/AMER)**

#### LIQUIDITY RISK REPORTING

**Counterpart:** Asset & Liability Management Department - Societe Generale Americas Services.

Liquidity Risk Reporting System consolidates payment and transaction information, across multiple back office systems to provide ALM dept a comprehensive organization wide capability for managing operational liquidity and currency risk in the most efficient way & focus on the accurate and up-to-date streamlined cash reports – transparency into liquidity position and ability to manage cash flows in several currencies across many subsidiaries. Goal is to develop a new set of processes in support of all liquidity and, at a later date, structural risk reporting needs, and to drive Weekly, Monthly, Quarterly Liquidity, and Structural risk reporting from a common data set to promote consistency. Determining which class of risk calculation (Liquidity, Structural) a

transaction balance is reported under and selection of applicable reporting hierarchy and summarization for reporting.

#### TARS (TAX AUTOMATED REPORTING SYSTEM)

**Counterpart:** *Tax Planning Group (TPG) - Societe Generale Americas Services.*

The Tax Automated Reporting System (TARS) is a system designed to allow the Tax Planning Group (TPG) to more easily create a tax return. The goal of this project is to develop a technology platform that will enable the Tax Planning Group to have better access to financial data and to automate manually intensive tax functions & Assist the Legal Entity Accounting group in the preparation of monthly financial statements under US GAAP, Perform the quarterly Balance Sheet substantiation process. Analyze intercompany balances, reconciliations, daily funding payments and resolving breaks. Perform month end process to properly reflect the Balance Sheet, P&L.

#### CUSTOMER PROFITABILITY REPORTS

**Counterpart:** *Asset & Liability Management Department - Societe Generale Americas Services.*

The project involves maintaining customer and deal details. It records details like capturing deals, delegation of deals to various departments & customers and final tracking of the deals. The system generates reports like: performance at department levels, customer details list, payment outstanding etc. It generates inward and outward deals reports, department wise requisition reports, Opening Balance report etc.

### Academic Qualifications

**Master of Computer Applications (MCA)**  
**2006      75.72%**

**July 2003 - October**

*Bapuji Institute of Engineering & Technology, Davangere (Visvesvaraya Technological University, Belgaum)*

**Bachelor of Computer Science (B.Sc.Comp.Sci.)**  
**66.11%**

**July 2000 - July 2003**

*M.B. Khalsa College, Indore, Madhya Pradesh (Devi Ahilaya University, Indore)*

### References

Available, if required.

**Rahul Sharma**