PINAKI SARKAR

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Visa Status : *US Citizen*   pinaki_sarkar@hotmail.com

OBJECTIVE: To work in IT as a Technology Manager, Project Manager, Data Architect, Database Developer, Solutions Architect , Senior Business Analyst, Software Architect ,ETL Architect, Business Intelligence Manager, Application Support Manager, Data Analytics , Management Consultancy

WORK EXPERIENCE:

BNY Mellon, New York, NY   Feb 2010 – present
VP Application Architect
- Re-architecting the bespoke UNIX scripts wrapped around the FAM Time Series database to spin off a different system called FAM Market Data. Working On FAME Time Series Database.
- Design an Oracle database Data Warehouse and implement and architect an ETL Informatica V9.0 solution to pull in data from various Market Data Sources.
- Creating Physical Data Model.
- Publish data models, conduct training on DW model to developers, BAs, DAs, and QA resources
- Interacting with Credit Risk and Market Risk users at data level and providing effective software solution.
- Review, verify and approve the Conceptual and Logical data models done by the owner teams for modeling standards, naming convention and properly defining all objects and relationships.
- Analyze Business Requirements, design logical data models and systems functions and present to stakeholders
- Define data/information architecture standards, policies and procedures for the organization, structure, attributes and nomenclature of data elements, and apply accepted data content standards to technology projects.
- Managing a Offshore team of developers
- Project Planning

Environment: UNIX SOLARIS, Linux, SQL Developer, Windows, Oracle 11g, ESP, Harvest, Informatica PowerCenter, Sungard FAME Time Series Database, MS SQL Server, ERWIN
Application: Market Data/Market Risk IT

Jefferies Inc., New York, NY   Dec 2009 – Feb 2010
IT Consultant/ETL Architect/Data Architect
- Creating logical & Physical Data Model in sql server.
- Data Analysis/Modeling /Developing Reporting Database
- MS SQL Server DB/ Sybase DB Developer/ETL Architect in UNIX env. handling large datasets for reporting.
- MS SQL Server stored procedures, triggers/T-SQL/Stored Procedure Tuning
- Migration from Sybase to MS SQL SERVER
- Perl programming to access data from Database.(Sybase/MS Sql Server)
- Analyze Business Requirements, design logical data models and systems functions and present to stakeholders
- Coordinate and interact with technical and business groups within the department

Environment: UNIX SOLARIS, DB ARTISAN, Windows, SYBASE12.5,UNIX, Cron, Sybase , MS Sql Server
Application: Equities Front Desk

Trade Web Inc., Jersey City, NJ   May 2008 – Dec 2009
Senior Database Developer/Technical Team Lead
- Mission Critical Equity and Fixed Income Trade Billing Database
- Data Modeling (both Logical and Physical) and production support

- Building Data Feed Architecture with SSIS. Responsible for data analysis, coding and conversion of a legacy Oracle databases to the SQL Server 2005 databases using SSIS.
- Convert the Logical models in to Physical models, and generate the delta or forward engineer DDL script, and execute in the database.
- Coding complex algorithmic MS SQL SERVER 2005 stored procedures/ T-SQL/Tuning.
- Perl scripting, Going through C# codes
- Interface with Users , gathering and converting Business requirement to technology requirement.
- Implementing ADP TAXWARE solution of MS SQL SERVER 2005 platform.

Environment: Windows Server Windows XP, MS SQL Server, SSIS
Application: Fixed Income Trade Billing/Business Intelligence Group

Jul 2006 – May 2008

Morgan Stanley, New York, NY
Senior Programmer/Data Modeler/Data Architect/Sybase Database Developer/ETL Developer/Technical Team Lead
- Handled very large amounts of data designed for Data Quality Market Data/Reference Data
- Coded Sybase Stored Procedures, SQL, Stored Procedures Tuning, T-SQL
- Converted client requests into technical requirements
- Coded Informatica 7.1, ETL transformations
- Dimensional Data modeling from the Data Warehouse perspective.
- Create complex views and materialized views and tune for performance.
- Production Support
- Analyze Business Requirements, design logical data models and systems functions and present to stakeholders
- Coordinate and interact with technical and business groups within the department
- Analysis, design and coding of new ETL/data feeds
- Built a ETL/Data Feed Architecture with a mish-mash of Autosys and UNIX shell scripts
- Managed an offshore team of developers

Environment: LINUX, DB ARTISAN, ERWIN, SYBASE12.5, UNIX, Shell, PERL, ERWIN, Autosys, Informatica 7.1.1
Application: Financial Instrument (Reference Data) Data Ware House, Data Quality

Various Assignments with Societe Generale, Cendant, Inc.,   Jan 1997 – Jul 2006
Goldman Sachs, BroadRidge Financials, Spear , Leeds & Kellogg,
Jeffries, Inc.
SW Developer/Programmer Analyst
- Coded in UNIX shell scripts, C/C++ for the Multi Processing/Threading rate update and alerts process functions, PERL-CGI, Informatica 7.1. ETL Transformations and TCP/IP socket programming in C/C++
- S/W Product Specialist: GLOSS (Multi Trade & Settlement Processing system)
- Sybase stored procedures, triggers/T-SQL/Stored Procedure Tuning
- Conversion of all Sybase DBLIB calls to Sybase CTLIB calls
- Production Support
- Created some UNIX based backend JAVA reports by connecting to the database via JDBC
- Interface with Users , gathering and converting business requirement to technology requirement.
- Database design /data modeling and Analyze Business Requirements, design logical data models and systems functions and present to stakeholders
- Coordinate and interact with technical and business groups within the department

Environments: UNIX SOLARIS, DB ARTISAN, Windows NT, SYBASE12.5, JAVA/C, IBM UNIX, Shell, PowerBuilder, PVCS, PERL, ERWIN, BRIO QUERY, PERL-CGI, Autosys, SYBASE, C++, C, UNIX, Shell, Perl, **ERWIN**, Informatica 7.1.1, UNIX Cron

PINAKI SARKAR

Applications: General Ledger Accounting, Equity Pricing Database., Transaction Data Warehouse, Trade Settlement, Trade Processing, Rates Database, Trading System

In India   Jan 1992 – Jan 1997

[Project details not furnished to keep the resume short. Can be furnished on request]

COMPANIES:

     1. TATA CONSULTANCY SERVICES (TCS).
     Role: Oracle (7.x) DBA For 4 years
     2. ELECTRONIC CORPORATION OF INDIA
     LIMITED (ECIL). For 1 year
     Role: System Programming Engineer in UNIX internals

TECHNICAL SUMMARY:

Languages:	JAVA/C/C++/UNIX Shell/Perl, PL/SQL, Transact SQL, Informatica 9.5,SQL,C#,R,MatLab
RDBMS:	SYBASE 12.5, MS-ACCESS, ORACLE 11g,MS-SQL SERVER 2008/SSIS
Operating Systems:	SCO-UNIX V5.2.2, Sun Solaris 8, Linux, Windows XP, WinNT 4.0, MS-DOS, Windows 7, Windows Server
Packages:	SSIS, Informatica 11.1 (ETL tool), Autosys, ESP, GLOSS (GLOBAL SETTLEMENT SYSTEM) HV, GLOSS HUB, GLOSS INA, Clarify, UNIX INTERNALS, ERWIN, BRIO QUERY, Test Director. MQ SERIES, XML, DB ARTISAN, VISUAL BASIC 3.0,ERWIN,
Software:	ORACLE DISCOVERER, DESIGNER 2000, DEVELOPER2000, PL/SQL, FORMS 4.5, REPORTS 2.5, SQL*LOADER, SQL*MENU, SQL*NET, SQL* PLUS, XML, ERWIN POWERBUILDER 5.0 (with PFC), 68000 ASSEMBLER, AWK, MS/BASIC,FAME(Sunguard)
IT Management:	SDLC (Software Development Lifecycle)- Agile, Spiral & WaterFall, Project Work Plan Creation, Technology Architectural Design, Functional Architectural Design, Feasibility Analysis –(Business & Technology), Gap Analysis (Business &Technology), Co-ordination with Multiple Stakeholders (Business & Technology), Production Support Mgmt/Ticket Escalation, Coordination and management of a team of onshore and/or offshore developers.
IT Space:	Business Intelligence, Application Development , Data Analytics , OLAP vs OLTP models, Kimball's Dimensional Modeling
Domain Knowledge:	Financial Engineering, Trading Lifecycle (Equity), Basic Accounting, Developing Knowledge in Market Risk. Worked in reference data, market data

EDUCATION:

Rutgers Business School, NJ, *Master of Quantitative Finance*
Columbia University, NYC *MS Technology Management*
Indian Institute of Technology (IIT), Kharagpur, *MS Computer Automation*
Jadavpur University, Kolkata, India *BS Electrical Engineering*

PRACTICAL TRAINING:

New York Institute of Finance, *Brokerage Operations and Global Security Services*
Informatica Inc., *Level II Programmer in Informatica.*
Pursuing PMP certification….