
VIVEKANANDAN MANOKARAN

BE Computer Science & Engineering

Total Exp: 3 Years 1 Month

(Jun 12 – Till Date)

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OBJECTIVE

To seek a challenging BI role to contribute my best, and to innovate with data and improve my technical expertise.

PRIMARY SKILLS & RESPONSIBILITIES

- Extensive 3+ years of experience in **Enterprise Data Warehouse** Development.
- Strong Expert Level Skills with **Payment Systems**
- 3+ years development experience with **Informatica PowerCenter 8.x, 9.x** Versions.
- 3+ years development experience with **Teradata 13.x, 14.x** and **Oracle 10G, 11i** Versions.
- **Core Java, Basic JSP, Servlets** development experience in creating reporting dashboards.
- **Unix Shell Scripting** experience with automating DW processes and operations.

TECHNICAL EXPERTISE

DW/BI Tools	Informatica PowerCenter (DWMR), Basics on WebFOCUS
Databases	Teradata 13.1, Oracle 11G
Programming Languages	Core Java, Basic J2EE (JSP and Servlets), Unix Shell Scripting, HTML, JavaScript, CSS
OS	Unix (Solaris 8, Solaris 10), Linux, Windows XP, Windows 7
IDEs	Eclipse (Juno, Helios), Microsoft Visual Studio 2010, Microsoft Expression Studio

- ETL Informatica Development:

- Development of Informatica Mappings (Both Type 1, Type 2 Mappings)
- Configuring Mappings with sessions and workflow in Workflow Manager. Scheduling with Informatica
- Monitoring workflow and sessions via Monitor with production support skills
- Unix knowledge to trigger informatica monitors from Unix PMCMD commands.

- Teradata and Oracle:

- Very strong knowledge in SQL and SQL development experience over 4 years.
- Developed Teradata sql Queries, and semantic views for Reporting,
- Teradata MACROS , Oracle stored procedures for data loading
- Expertise with FLOAD, MLOAD, TPT informatica loading utilities

- Web Development - Java

- Strong skills in Core Java.
- Developed Basic J2EE based portals.
- Extensive and vast experience in JSP, Servlets, JavaScript.

- Reporting

- Developed WebFOCUS fex for various reporting requirements.
- Experience in working with IBI ReportCaster Development
- D3, JavaScript Library based reporting development experience.

- Unix/Shell Scripting

- Having strong Unix shell scripting development experience.
- Developed/Debugged unix shell scripts for various automation tasks in DW requirements.

WORK EXPERIENCE

→ ALTIMETRIK INDIA PVT. LTD, (Full Time)

Client: PayPal India Private Limited (Working from Client Location)

Period: Nov 17, 2014 – Till Date

Designation: Senior Software Engineer

Domain: Payments

Paypal is one of the very first online payment systems that enabled transactions on electronic form, replacing traditional paper forms. They are online payment enabling merchants.

Work Profile:

- Creating/Maintenance of Informatica mappings that drive the transactional data from upstream sources like DEBIT, CREDIT, WALLENT, GIFTCARDS to the Accounting/Reconciliation layers for the final recon.
- Creating reports out of Oracle Database

Project:

1) FinOps Running The Business (RTB):

All the transactions done through PayPal systems are captured and all the transactions from other financial institution/instruments are gathered and they are processed together for the purpose of reconciliation and accounting.

Technologies/Tools: Informatica, Teradata, Oracle, MicroStrategy

→ I|NAUTIX TECHNOLOGIES INDIA PVT. LTD, A BNY MELLON COMPANY (SEI – CMM LEVEL5)

Period: June 18, 2012 – October 31, 2014

Designation: Applications Developer, Datawarehousing (IT Development – www.netx360.com)

Domain: Finance/Investments/Wealth Management & Broker Dealer Solutions

iNautix is an affiliate of The Bank of New York Mellon Corporation Inc, a leading financial services provider. We provide software development services for the Company's subsidiaries, including The Bank of New York Mellon Corporation and Pershing LLC.

Work Profile:

- Creating/Maintenance of Core Java/J2EE based reporting dashboards under eAnalytics section in Netx360.com Application
- Informatica ETL Mappings
- Teradata Macros/Oracle Procedures

Projects:

1) Entitlement Management Systems Data Loading – Informatica & Teradata

Client: All Pershing Clients (Including CITI, JP Morgan Chase, Credit Sussie, etc)

a. ETL Informatica Development – Entitlement Management Systems Data Loading Data Loading from feed to fact.

Type 2 Full Feed:

Developed a Type 2 full feed mapping for loading the Entitlements' and its related role code for all the available user ids.

Type 2 Delta:

Developed a Type 2 delta mapping for loading the User ID's changes such as additions, changes and deletions.

b. Teradata Macro Development

Data Loading from fact to summary tables:

Developed Teradata macros to load the data loaded by above Informatica ETL jobs to summary tables.

2) NIGO (Not In Good Order Transactions) Data Loading – Informatica & Teradata Client: All Pershing Clients (Including CITI, CREDIT SUSSIE, JP Morgan Chase, etc)

Developed Informatica ETL mappings to load and maintain audit trails of different customer raised transactions.

Developed Teradata macros to load the summary data from the main fact table for the purpose of reporting.

This involves development of

- Informatica ETL Mappings
- Teradata Macros

3) Open Item Summary Data Loading ETL – Informatica

Client: Internal Pershing Quality Management Office

- Developed a ETL Informatica Mapping that will load the data from Oracle source to Teradata stage tables.
- Developed Teradata Macros to load the data from the Teradata stage to Teradata summary tables.

4) Associate Data Loading ETL – Informatica

Client: Internal Pershing Quality Management Office

Developed Type 2 ETL mapping that will load the Pershing's Associate data and their updates that are received as .dat feed on daily basis.

Apart from these ETL Development, also worked/supported on various issue fixes on other ETL mappings

Reporting

1) NIGO Scorecard – (Not In Good Order)

Developed J2EE Front End for User input and WebFOCUS executables for NIGO scorecard to display Charts, Graphs and Tables in PDF format.

It is based on Java threading that will execute WebFOCUS fex files in each of its thread and create the HOLD files. And the final Java thread will collect all the HOLD files and integrate them together and form a full PDF file which is the final scorecard.

This works based on the user criteria given from the front-end.

2) Analytical Dashboard – (User Customizable J2EE, Core Java Based Reporting Dashboard)

The dashboard is developed in J2EE with Teradata as database, where the data has been shown to the customer in graphs and charts, which customer can customize as per their requirements. My responsibility was to develop the module "Dynamic Chart Creations", where the customer can create their own charts/graphs and the application will develop the Teradata queries to query the database on its own.

This application reduced a lot of development team's effort and time for developing the new requirements from the customers which saved the customer's time and earned a huge appreciation from the customer.

Technologies Involved: J2EE, Java, Teradata

3) IBD Productivity Reports – (Oracle to Teradata Migration)

I were responsible for migrating 5 (nos) - Netx360 quality management reports from Oracle to Teradata infrastructure, that measures our customer's productivity metrics with their customers. These reports are used by executives at Management Levels for the purpose of quality improvement.

Technologies Involved: Java, J2EE, JavaScript, WebFOCUS, Teradata.

4) Open Item Summary Report – (Oracle to Teradata Migration)

I were responsible for migrating the Open Items Summary report from Oracle to Teradata infrastructure which reports the Open Items/ Open Requests for all our IBDs(customers) and also for the internal Pershing departments.

Technologies Involved: Java, J2EE, JavaScript, WebFOCUS, Teradata.

5) Executive Summary Scorecard - (Oracle to Teradata Migration)

Responsible for migrating the scorecard to Teradata which reports the Summary performances of an IBD in a PDF file with colorful, self explanatory graphs and charts and tables.

Technologies Involved: Java, J2EE, JavaScript, WebFOCUS, Teradata.

Associate Admin Screen (J2EE, Teradata)

This is a portal where Manager's can edit the Pershing's associate details who use Netx360 and their changes are directly captured in our datawarehousing databases.

Production Support

Responsible for production support activities where I monitored all the real time loadings to our Oracle and Teradata databases through Informatica/SQLLoader(Oracle)/Macro(Teradata).

EDUCATIONAL QUALIFICATION

Course	Institution/School	Year of passing	Percentage/CG PA
BE Computer Science and Engineering	Bannari Amman Institute of Technology	2012	7.53 (CGPA)
HSC	Bharathi Vidya Bhavan, Thindal, Erode	2008	78.25 %
SSLC	St. James Matric. Hr. Sec. School, Trichy	2006	81.81 %

Note: Currently pursuing Work Integrated **MS Software Systems** from BITS Pilani (2015 Expected)

ACADEMIC PROJECTS

- 'Risk Mitigation in Banking based on Data Mining Using Decision Tree' – My BE final year project that deals with decision tree generation process under data mining. This recommends the bank officials to sanction or reject loan requests from customers based on their previous or history data.
- Developed 'iNet Viewer' an Internet Browser using Vb.Net and MS Access. Presented this project in Thiagarajar College of Engg. and secured 1st Place
- 'Data Miner' a Mining Tool for educational institutions using Vb.Net as frontend and SQL Server as backend

INDUSTRIAL PROJECTS

- Developed a Exam Hall Seat Arrangement Project for Engineering Colleges using Core Java. Currently running 3 engineering colleges.
- Developed In/Out Stock Maintenance software for a Textile Industry.
- Developed a website for 'UNDERTEST Constructions' a construction company in Qatar that holds the contract to build stadiums for Olympics 2022

TECHNICAL EVENTS

- Won 1st place in the Online Programming Contest, Shaastra'09, An International Level Technical Symposium during the academic year 2009-2010, IIT Madras

INTERNATIONAL & NATIONAL CONFERENCES ORGANIZED

- Curator & Licensee of TEDxTirupur, Independently organized TED event <http://www.tedxtirupur.com>
- Curator & Chief Coordinator, First Bloggers Meet @ Coimbatore
- Student Convener, CODE WAR, a programming event during Futura 2011

EXTRA-CURRICULAR ACTIVITIES

- Won 1st place in the AD ZAP event in National Institute of Technology, Trichy
- Official Blogger for TEDxChennai 2010 Edition
- Official Blogger for TEDxSalem 2011 Edition
- Official Blogger and Forum Administrator of Futura 2010

PERSONAL INFORMATION

Name: Vivekanandan Manokaran
Date of Birth: 20/05/1991
Parents' Name: Mankaran P & Chandra Manokaran
Permanent Address: 442 Annapoorna Layout 3rd St,
Gandhi Nagar,
Tiruppur 641603
Present Address: No 97, V.G.P. Lane,
Dharmaraja Koil Street,
Saidapet,
Chennai 600015
Languages Known: Tamil (Mother Tongue)
English (Read,Write,Speak)
Hindi (Read, Write)
Hobbies: Blogging, Surfing
Passport: H2954606

DECLARATION

I, hereby declare that the information furnished above is true to the best of my knowledge and belief.

Date: 04.08.2015

Place: Chennai

Vivekanandan Manokaran