Varun Pius Felix Rodrigues

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EDUCATION

Master of Science in Computer Science   August 2015 – May 2017
University of Florida, Gainesville, FL

Bachelor of Engineering in Electronics and Telecommunication   August 2008 – June 2012
University of Mumbai, Mumbai, India

WORK EXPERIENCE

Systems Engineer, Infosys Ltd., Bhubaneswar/Pune, India   June 2013 – July 2015
- Designed and developed projects for clients requiring Business Intelligence.
- Responsible for the design and development of data warehouse using OLAP DBMS such as Teradata and Oracle. Led the design of the staging and transformation database, and the development of staging, transformation and presentation database.
- Designed and delivered business reports for clients using reporting solutions like IBM Cognos and SAP BusinessObjects. Designed and performed Cube analysis using Microsoft SSAS.
- Performed Unit Testing on the developed components.

Technical Editor, Packt Publishing, Mumbai, India   October 2012 – May 2013
- Worked with authors to ensure good quality content that clearly communicate their objectives to the reader.
- Verified content coverage is balanced and ensured technical accuracy of the content; performed code testing and market analysis to understand what readers need.
- Participated in the editorial co-ordination with the Lead Technical Editor, author, and Editorial Manager.

PROJECTS

GOSAP VDW   Infosys Ltd.   March 2015 – July 2015
- Developed the transformation and semantic layer data warehouse, over which the entire reporting layer was built. Data warehouse was developed on Teradata.
- Tested the data warehouse for data consistency.

Retail Planning Tool   Infosys Ltd.   July 2014 – February 2015
- Data warehouse for the client Apple, Inc. to plan and deliver their products across its stores. The tool will help client understand the requirements for products according to the inventory across its geography.
- The requirements are captured by transaction systems and passed on to data warehouse.
- Designed and developed the staging and semantic layer of the data warehouse. Also, developed the presentation layer data warehouse. Tested the entire data warehouse for data consistency.

Retail Business Dashboard   Infosys Ltd.   January 2014 – June 2014
- Dashboard solution for Apple, Inc. created over a data warehouse. Result is easy to use dashboard for the client to analyze data and take decisions.
- Used OLAP database Teradata to develop the data warehouse and aggregate the facts (data.)

Infy TV   Infosys Ltd.   June 2013 – September 2013
- Created a data warehouse storing historic records of Infy TV network.
- Performed ETL operations to move data from Staging to Transformation to Presentation layer and do data cleansing
- Developed a cube and performed cube analysis on it using Microsoft SSAS and delivered reports in IBM Cognos.

PUBLICATIONS

MFCC-based Vocal Emotion Recognition Using ANN   September 2012
At International Conference on Electronics Engineering and Informatics, Phuket, Thailand

SKILLS

Programming Languages : C++, Java, Python
Database: Teradata, Vertica, MySQL, Oracle PL/SQL, Microsoft SQL Server, MongoDB
Tools: IBM Cognos, Microsoft SSIS, Microsoft SSAS, SAP BusinessObjects, Matlab, Informatica
Certifications: SUN certified Advanced Java Web Developer (J2EE), Cisco Certified Network Associate (CCNA)