

Varun Pius Felix Rodrigues

352-484-6730
varunpius@ufl.edu

LinkedIn: www.linkedin.com/in/vpiusr
Website: varunpius.github.io

3800 SW 20th Avenue, Apt no. 503,
Gainesville, FL – 32607.

EDUCATION

Master of Science in Computer Science

University of Florida, Gainesville, FL

August 2015 – May 2017

GPA: 3.33

Bachelor of Engineering in Electronics and Telecommunication

University of Mumbai, Mumbai, India

August 2008 – June 2012

GPA: 3.7

SKILLS

Programming Languages: C++, Java, Python, Perl, Linux Shell scripting, R, Matlab, JavaScript

Database: Teradata, Vertica, MySQL, Oracle PL/SQL, Microsoft SQL Server, MongoDB, Cassandra, Apache Hive

Tools: IBM Cognos, Microsoft SSIS, Microsoft SSAS, Tableau, SAP BusinessObjects, Informatica, Apache Spark

Certifications: SUN certified Advanced Java Web Developer (J2EE), Cisco Certified Network Associate (CCNA)

WORK EXPERIENCE

Systems Engineer, Infosys Ltd., Bhubaneswar/Pune, India

June 2013 – July 2015

- 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 and 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

- Performed code testing and ensured technical accuracy of the content; did market analysis to understand what readers need
- Worked with authors to ensure good quality content that clearly communicate their objectives to the reader; participated in the editorial co-ordination with the Lead Technical Editor, author, and Editorial board

PROJECTS

Peer-to-Peer application, University of Florida

November 2015

- Split file into 100 KB chunks and distribute fewer than total chunks equally to peers. Peers then obtain missing chunks from neighboring peers. At peer, once all chunks obtained from neighbors, merge the chunks to obtain original file.
- Application done using socket programming in Java

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

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