Nisarg Pandya

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A solution seeker and dedicated professional with a niche for positive transformation. An optimist and adherent of continuous learning. Ambitious about being a contributor for creating a better world.

EXECUTIVE SUMMARY

2 years of extensive experience in data analytics, database management and data visualization using Tableau and Python. Proficient in writing SQL and PL/SQL scripts, handling ETL processes, data migration, and delivering workflow automation using SQL Stored procedures and Scheduled Jobs.

Enhanced understanding of handling large data warehouse, SQL tuning, Indexing, Quality Assurance (QA) and Excel reporting. Developed and tested highly scalable Web applications using Java, J2EE, JSP, Servlet, JDBC/ODBC, .net Framework, C#, HTML, CSS, JavaScript, XML and JSON.

SKILLS

- **Languages :** SQL, PL/SQL, Java, C#, Python, Android, C, C++, JavaScript, HTML, CSS
- **Databases :** Oracle 12c, SQL Server, MySQL, SQLite, MongoDB, Microsoft Access
- **Tools :** Tableau Desktop, Tableau Server, SQL Developer, MS SQL Server Management, MySQL Workbench, Eclipse IDE, GitHub, PyCharm, NetBeans, Visual Studio, Microsoft Word, Excel, PowerPoint, Adobe Photoshop

RESEARCH WORK

Data Visual Analytics on Public Health Data| California State University, Long Beach   January 2017 - Present
- **Analyzed** the public health dataset to find patterns related to different diseases and relationships exist among patients by creating **data models** (e.g. graph) using available **packages and libraries** of **Python and R**.

EMPLOYMENT AND WORK EXPERIENCE

Data Analyst & Tableau Developer| California State University, Long Beach   June 2016 – Present
- Assist with **Oracle database administration** of California State University.
- Utilizing **Tableau** for creating complex **graphical visualization** using Tableau calculated fields, action and filters.
- Expertise with complex **SQL and PL/SQL scripts** to perform effective data analysis on a massive scale data warehouse.

Accomplishments
- Independently carried out **efficient and on schedule migration** of a system based on **SAS DW to Oracle** Data warehouse.
- Automated a workflow through **PL/SQL stored procedure** to automatically create daily enrollment reports.
- Migrated traditional **Excel reporting** to user friendly Tableau dashboards.
- Created **visually appealing** Student Admission and Daily Enrollment Tracking tableau **dashboards**.

Software Engineer and Technical Trainer| Tata Consultancy Services (TCS)| India   October 2015 to January 2016
- Proficient in assortment of technologies like Agile Methodology, SDLC, J2EE, JDBC, Servlets, and JSP with **SQL Server** database in MVC framework to create **Web application** for **management of events at organizational level.**
- **Lead technical training and facilitation** for SQL, PL/SQL and Java trainees at the wide scaled training department of TCS.

Accomplishments
- D**elivered a scalable and efficient web application** designed to add, track, notify and manage the major and minor events throughout the organization.
- Built and delivered a **robust System Asset Management system** to organize, track and ease the wide scale use of assets across the organization.

OTHER PROJECTS

Bluetooth Messenger | California State University, Long Beach   April 2017
- Android application to send messages, images and different files over Bluetooth for peer to peer and group connections.

Yelp Data Challenge | California State University, Long Beach   November 2016
- An optimized Java application to parse and load JSON Yelp dataset to Oracle database. Query and filter the same using GUI application designed in Java. Migration of the database application to MongoDB.

Inventory Management System| Birla Vishwakarma Mahavidyalaya College of Engineering | India   May 2015
- **Innovated time-saving and robust** Web application **to automate** the process of inventory management of a large scale mechanical industry using **C#.**

EDUCATION

Master of Science, Computer Science |California State University |GPA: 3.87/4.0 |January 2016 – December 2017

Bachelor of Computer Engineering |BVM College of Engineering, India| GPA: 3.88/4.0 |June 2011-May 2015