

# Nisarg Pandya

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I am a problem solver. To create the world a better place to live is my dream. I believe life is all about continuous learning and I must evolve continuously.

## EXECUTIVE SUMMARY

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

Good knowledge of handling large data warehouse, SQL tuning, Indexing, Quality Assurance (QA) and Excel reporting.

Developed 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 California** 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 **administering Oracle database** of Institution Research and Assessment.
- Utilizing **Tableau** for creating **complex graphical visualization** using Tableau calculated fields, action and filters.
- Write complex **SQL and PL/SQL scripts** to perform effective data analysis on large student data warehouse.

### Accomplishments

- **Successful migration** of a system based on **SAS DW to Oracle** Data warehouse within one month single handedly.
- Delivered a workflow automation through a **PL/SQL stored procedure** to automatically create daily enrollment reports.
- Migrate 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

- Utilized Agile Methodology, SDLC, J2EE, JDBC, Servlets, and JSP with **SQL Server** database in MVC framework to create **Web applications for automating System events** for the organization.
- Technical trainer and facilitator for **SQL, PL/SQL and Java** trainees at the wide scaled training department of TCS.

### Accomplishments

- Successfully **delivered a scalable web application** that 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, California** April 2017

- Android application to send messages, images and different files over Bluetooth peer to peer and group connections.

**Yelp Data Challenge | California State University, Long Beach, California** 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

- **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**