

Nisarg Pandya

Phone: (562) 336-5959 | Email: nisarg205@gmail.com
Current: Long Beach, CA | <https://www.linkedin.com/in/nisarg-pandya-76186b43/>

Creative, determined and passionate individual with hands on experience in building highly scalable Software and Web applications, Data analysis, Data Migration, Creating visually appealing Tableau dashboards, Writing SQL and PL/SQL scripts with managing ETL processes and large data warehouse.

SKILLS

- **Languages:** SQL, PL/SQL, Java, C#, Python, R, SAS
- **Databases:** SQL Server, MySQL, Oracle 12c, SQLite, MongoDB, MS Access
- **Business Intelligence Tools:** Tableau Desktop, Tableau Server
- **Web Technologies:** Java Server Pages (JSP), Servlet, JavaScript, HTML5, CSS, Bootstrap, XML, JSON
- **Tools:** SQL Developer, MySQL Workbench, Eclipse IDE, PyCharm, MS Word, Excel, PowerPoint

RESEARCH WORK

Data Visual Analytics on Public Health Data | California State University, Long Beach California January 2017 - Present

- **Analyzed** the large 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**.
- The ultimate goal is to create a social network of patients and doctors where they can connect and share information that would be useful in improving one's health.

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.
- Handling Data Migration, **ETL processes** and write PL/SQL scripts for automation.
- Utilizing **Tableau** for generation and **visualization of complex graphical reports** using calculated fields, action & filters.
- Perform **simulation** and effective **data analysis** to create Enrollment models for predicting future enrollment trends.
- Performing **SQL tuning and Indexing** for better performance, testing and QA for finding and solving potential bugs.

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** that automatically creates daily enrollment reports.
- Migrate **traditional Excel reporting to user friendly tableau reports** and dashboards.

Software Engineer and Technical Trainer | Tata Consultancy Services (TCS) | India October 2015 to January 2016

- Utilized Agile Methodology, SDLC, JDBC, JavaBeans, Servlets, and Java Server Pages (JSP) with **SQL Server** database in MVC framework and **J2EE environment** to create **web application that automated 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

Event Alert Management System | Tata Consultancy Services (TCS) | India December 2015

Successfully **build a scalable software system** that designed to add, track, notify and manage the major and minor events throughout the organization.

Web Application - System Asset Management | Tata Consultancy Services (TCS) | India November 2015

OTHER ACCOMPLISHMENTS

Yelp Data Challenge | California State University, Long Beach, California November 2016

- Developed an optimized Java application to parse and load the large JSON Yelp dataset to Oracle 12c database. Query and filter the same using the GUI application designed in Java.
- Migration of the database application to MongoDB.

Inventory Management System | Birla Vishwakarma Mahavidyalaya College of Engineering | India May 2015

- Build, test and deploy a **highly scalable web application to automate** the process of managing the inventory of a large scale mechanical industry using **.Net framework** (Programming language: C#) with **MySQL database**.

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