SHRUTI JOSHI

Data Analyst | Python Developer | ETL Developer

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HIGHLIGHTS

- 6+ years of experience in designing and development of ETL, API, Python based solutions.
- Working across various ETL Tools and Technologies – SQL, Oracle DB, Unix, PLSQL, Informatica, Python, Control M, etc.
- Data Analysis through Python (Pandas) and Microsoft Excel.
- Data Cleaning and Processing using Python (Pandas) and PLSQL.
- Reporting using Tableau, Power BI and Excel.
- Experience in Big Data Technologies like Hadoop, Impala, etc.
- Development and Deployment of REST APIs in Python on PaaS using Cloud Foundry.
- Having experience with Oracle Database Administration tasks.
- Having experience with Deployment Tools like SVN, bitbucket, Bamboo and Urban Deploy.
- Experience in working in teams spread across various geographical locations, varying in skill set and domains.
- Interested in learning new technologies and/or travel for work.

WORK EXPERIENCE

Data Programmer/ Analyst

Medela India - Gurgaon, Haryana

(July 2020 to Present)

Digital Marketing Data Programmer/ Analyst responsible for data gathering, processing, reporting and insights generation for the entire International Region (Asia – ex. China, Africa, Australia and parts of Europe).

Skills: Python, Pandas, Web Scraping, MySQL, SQL Server 2019, SQL, Power BI, Excel

- Developing several Data Collection modules for various sources – integrating APIs, Web Scraping, Open Source Data, etc.
- Cleaning, Processing and storing the data onto a SQL database (or excel) for further use.
- Performing various calculations like filling empty values, currency conversions and other aggregations.
- Preparing reports using Power BI and Excel.
- Generating new matrices for identifying opportunities and track the sales performance.
- Generating and communicating various insights for different countries and different business focuses for action.
- Communication with several country and program heads for formulation of new directions for business.
- Communication with the Global team to align goals and performance.
- Code and Data Quality Management and Maintenance.
- Working with the Infrastructure teams to automate data collection, storage and reporting process.

Senior Analyst Programmer

Fidelity Investments Limited - Gurgaon, Haryana

(December 2018 to July 2020)

Senior Programmer responsible for gathering requirements from different business units, formulate solutions using various tech stacks (PLSQL, Unix, Python) and various infra stack (Hadoop, Impala, Oracle, PaaS, Unix Server, Windows Server), code versioning (using SVN and Bitbucket), developing code and support consumer teams. Also responsible for training new developers added to the team and support existing solutions and sometimes, code deployment using Bamboo/ Jenkins.

Skills: Oracle 12c, PLSQL, Python 3.6+, Flask, Informatica 10, Cloud Foundry 2.x

- Developing Data as a Service processing utilities, allowing processing to be done on PaaS.
- Developing internal containerization and modular processing solutions in Python on PaaS.
- Using Test Driven Development to minimize rework and enforce quality standards.
- Understanding of the Asset Management Multi Asset as well as MDM data sets.
- Analysis, Design and Development of new solutions for data ingestion, transformation and consumer integration.
- Developing generic and expandable business-friendly solutions across various tech-stack.
- Development of REST APIs in Flask to be deployed and maintained on PaaS using cloud foundry.
- Development of data quality frameworks (DQ as a Service) in Python.
- Coordination with various stakeholders to understand business requirements and communicate status.
- Solution Design and mentoring for the team members.

Analyst Programmer

Fidelity Investments Limited - Gurgaon, Haryana

(January 2017 to December 2018)

Programmer responsible for developing, code versioning and delivering solutions (using Python, PLSQL, Informatica, Unix and Impala) and supporting production code. Also responsible for ensuring interfaces for consumer integration.

Skills: Oracle 12c, PLSQL, Python 3.6+, Informatica 10, Impala
- Analysis and Development of ETL solutions to onboard, store and maintain data within Data Warehouse and Data Marts.
- Automation of several tasks using Python, saving several man hours of manual effort each week.
- Involvement in requirement gathering, data analysis and solution designing.
- Technical Support of several new programs launched by the organization.
- Onboarding large data sets into Data Lake in Hadoop using Impala.
- Coordination with various consumers to gather requirements and provide solutions.
- Coordination with various internal technical support teams to build robust solutions.
- Understanding Deployment using Bamboo, SVN, GIT, Bitbucket and Urban Deploy.

System Engineer

Tata Consultancy Services - Gurgaon, Haryana

(September 2016 to January 2017)

Oracle PLSQL and Unix programmer responsible for developing code. Also responsible for supporting various other activities such as – Infra Operations, Database and Server health and performance management, code optimization and deployment activities.

Skills: Unix, SQL, PL/SQL

Tools: Putty, WinScp, Control-M, SQL Developer, Goldensource Workbench
- Creating automated reports for environment monitoring using Python.
- Development and Enhancement of PLSQL code for data ingestion, transformation and implementation of Edge Node concept for load balancing.
- Performing Database Administration tasks like User Management, tablespace management, Fragmentation redressal, etc.
- Automating client reporting and dashboard refreshes.
- Working directly with client to provide immediate solutions and conflict resolutions.
- Working with other teams to deliver generic solutions.
- Understanding business requirements and use-cases.

Associate System Engineer

Tata Consultancy Services - Gurgaon, Haryana

(September 2014 to September 2016)

Oracle PLSQL and Unix Programmer – developing code and supporting testing.

Skills: Unix, SQL, PL/SQL

Tools: Putty, WinScp, Control-M, SQL Developer, Goldensource Workbench
- Development and enhancement of PL/SQL code to process data.
- Development and support of Unix scripts for managing raw data files and triggering ETL processes.

- Integration with internal and external testing teams to support solutions.
- Integration with support teams for better understanding of solutions and pain areas.
- Working with teams across various geographic location to ensure system stability and availability.

Summer Intern

Centre for Development of Advanced Computing – Noida, Uttar Pradesh

(May 2013 to June 2013)

Project undertaken during Summer Industrial Training – Text Based Search Engine for Noisy Data in Hindi Language. It is a system where users could search hindi text (Unicode supported). The system would do an exact word search as well as fuzzy word search (using Levenshtein Algorithm) based on the N-gram model for the accepted level of fault.

Skills: Python

Tools: Python IDLE, Python Tkinter

- Development of Front End module for search utility using Python Tkinter library.
- Reading, cleaning, filtration and processing of text in Hindi language.
- Using nltk module to remove noise and filter meaningful data that can be used further.
- Generation of n-gram model (upto n=27) for suggesting correct search from noisy input.
- Implementation of Levenshtein's String comparison Algorithm to suggest the correct string on noisy text input.

EDUCATION

Executive Programme in Business and Data Analysis

IIM Lucknow (MDP) - Executive Programme in
Business and Data Analytics - August 2019 to February 2020

BACHELOR OF TECHNOLOGY in Computer Science & Engineering (Birla Institute of Applied Sciences, 2014)

Uttarakhand Technical University 2010 to 2014

C.B.S.E. – Class XII
Delhi Public School – Mathura Road, New Delhi 2009 to 2010

C.B.S.E. – Class X
Delhi Public School – Mathura Road, New Delhi
2007 to 2008

SKILLS

TECHNICAL SKILLS	LEADERSHIP SKILLS	LANGUAGES
➢ PLSQL	➢ Training and Mentoring	➢ English – Fluent
➢ Python	➢ Advanced and Effective communication Skills	➢ Hindi – Fluent
➢ Data Analysis	➢ Eager to learn new skills	➢ Deutsch – Beginner/ Learner
➢ Tableau	➢ Self-motivated	
➢ Pandas	➢ Agile	
➢ Microsoft Excel	➢ Working with various stake holders	
➢ Impala	➢ Working with teams across different locations	
➢ Informatica	➢ Spend extra efforts to understand domain better	
➢ Cloud Foundry		
➢ Power BI		

AWARDS AND ACHIEVEMENTS

- Nominated for the Leadership and Values award at Medela within 6 months of joining.

- Awarded Director's Award for December 2017, 2018 & 2019 for work in Fidelity International Limited's various operations and programmes.

- Actively Associated with Toastmasters International, since April 2016.
- Advanced leader Bronze and Competent Communicator.
- Associate Area Director for Area B2, District 41, Toastmasters International for July 2016 – June 2017.
- Vice President – Education for TCS Maitree Gurgaon Toastmasters Club for July 2016 – December 2016.
- Awarded On-the-spot award for performance in T.C.S. on 29 July 2015.

- Actively associated with the CSR activities since September 2014.
- Awarded Maitree Award by T.C.S. Maitree on 22 June 2016.
- Have visited under-privileged schools to organize learning and fun activities.
- Have participated in multiple plantation drives and food donation drives.
- Registered volunteer with Rotary Blood Bank.

(SHRUTI JOSHI)