Prarthana Shah

Data Scientist at AVEVA (Formerly Known as Schneider Electric
Software)
Lake Forest, California

Summary

Data Scientist with a more than one year of experience in end to end
data science project building: research, prototyping, development,
and testing.
Have also worked on Neural Network modeling approach.

Experience

AVEVA (Formerly Known as Schneider Electric Software)
Data Scientist
June 2018 - Present (1 year 10 months)
Greater Chicago Area

1) Worked on Natural Language Processing, text analysis algorithm to group
related signals together for modelling using Mutual Information and Entropy
concepts in Python and C#
2) Working on estimating Remaining Useful Life (RUL) of an equipment
using LSTM and Bayesian Optimization algorithm for hyperparameters value
selection

Schneider Electric Software
Data Scientist- Intern (Predictive Analytics)
September 2017 - June 2018 (10 months)
Greater Chicago Area

1) Worked on a project to automate the outlier detection process from real-time
data by implementing KDE (Kernel Density Estimation) algorithm using R and
C#

2) Researched the methods for modelling a limited history data to predict
single-value in web and proposed solutions- LSTM RNN, ARIMA and Triple
Exponential Smoothing models

3) Developed algorithm that predicts the performance of hardware equipment
by implementing LSTM-Recurrent Neural Network(RNN) model, leveraging
deep learning libraries - Tensorflow, Keras in Python

Chamberlain Group, Inc.
IT Application-Intern
May 2016 - August 2016 (4 months)
140 Industrial Drive, Elmhurst, Illinois-60126

1) Analyzed and translated warehouse and logistics business processes into SAP ECC 6.0 system, thus reducing time logistics/warehouse activities by 30% and cost by 12%

2) Streamlined goods receiving and shipping data through automation and enhancement in RF barcode process

3) Prepared key business documents like User Requirement document, Swim Lane process diagram, project plan and related documents like functional specifications and test scripts

4) Presented my project to ELT (Executive Leadership Team)

5)Identified and fixed many issues related to material and inventory management

6) Supported and solved production-related issues along with developing mass upload tool like LSMW (Legacy System Migration Workbench)

Tata Consultancy Services
Business Analyst
August 2013 - July 2015 (2 years)
Garima Park, Gandhinagar

I have served TCS as Business Analyst in SAP technology for 23 months immediately after completing my B.E in Computer Science with First Class,Distinction from M.S. University (Maharaja Sayajirao University), Vadodara, Gujarat.

In TCS, I was looking after many international projects based at U.S and Europe having roles and responsibilities mentioned as below:

1)Key resource for Material & Warehouse Management (MM/WM) module of SAP ECC 6.0 in multiple projects that dealt with Manufacturing, Purchasing and Inventory domain of Supply Chain Management

2)Led implementation for barcode scanning process dealing with SAP SD/MM/ WM module to optimize and simplify the material handling process

3)Worked as a liaison between client and development team, translating business requirements into technical design- DB tables, scripts, forms, reports and data flow as a part of the project and regular support activities

4) Handled voluminous daily transactional data for supply chain and procurement cycles; proposed customized interactive reports using query feature of SAP-SQVI greatly reducing managerial decision time

4) Lead a comprehensive data cleansing task for supplier and purchase order data as a measure to improve performance; utilized materialized views and indexing, thus optimizing query performance

5)Reported project status at various hierarchies including on-site & off-shore leads, IT director, senior consultants and end users.

6)Well-acquainted with advanced data extraction capabilities of Excel like vlookup and pivot table in course of preparing monthly reconciliation report for dedicated customers

7)Build LSMW, BDC, query using SQVI and worked on BADI, BAPI for different business requirements

8)Primary analyst for Proof of Concept of end-to-end procure-to-pay cycle in MM on SAP S/4HANA and SAP ECC 6.0

9) Worked on testing tools like HP-ALM and HP-QC for testing and preparing test scripts

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Education

Illinois Institute of Technology

Master's Degree, Management Information System · (2015 - 2017)

The Maharaja Sayajirao University of Baroda

Engineer's Degree, Computer Science · (2013)