Sunita Barik

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EDUCATION

Drexel University, LeBow College of Business, Philadelphia, PA   Anticipated Graduation: March 2023
Master of Science in Business Analytics, GPA 4.0

Silicon Institute of Technology, Bhubaneswar, India   May 2014
Bachelor of Technology, Computer Science and Engineering

SKILLS

Programming: Python, PySpark, R, SQL, SAP, Java, Mendix, HTML, CSS, JavaScript
Tools: Azure Databricks, Apache Hive, AWS, Tableau, MS Excel (Solver, Pivot Tables, VLOOKUP) Mendix Modeler, Jira
Expertise: Architecture, Query Optimization, DB/SAP Integration, Data Migration, Design Test, Collaborate, Agile

PROJECTS

IBM HR Analytics Employee Attrition using Tableau & Python   September 2021 – December 2021
- Analyzed data and visualized attrition parameters and designed a dashboard to identify the root cause of attrition

Social Network & Sentiment Analysis of Movie Script Using R & Python   September 2021 – December 2021
- Using Text mining, Social network Analysis & Sentiment analysis; visualized the character associations, their sentiments and tone of the movie to conclude the movie to be dark and grouped under PG-13 movies

Exponential Moving Average Strategy for Intraday Crypto (Ethereum) Trading   September 2021 – December 2021
- Simulated EMA & SMA strategy on 88,000 large datasets; identified the trend reversal patterns of both strategies

EXPERIENCE

AVERTRA, Amman, Jordan   January 2019 – August 2021
Senior Mendix Consultant
- Developed business-critical shipment delivery app using Mendix and SAP that received 60K registrations in three months; Acknowledged for employing 11k people through the app across 16 countries
- Designed a 100% accurate dynamic dashboard with graphs and charts that consolidated information from SAP
- Analyzed registrations and performed exploratory data analysis which helped client to understand the distribution of 500K customers and their performance across 40 features to manage operations in 4 different lines of business

IBM India, Bangalore, India   October 2017 – December 2018
Senior System Engineer
- Contributed to the team that split and enhanced the Heineken app, eliminating 50% of major performance issues
- Optimized architecture and querying to avoid recalling of data leading to reduction of time of data and page loading
- Stabilized the SAP system by resolving the issues in SAP calls, IDOCs and using the microservices

Mphasis Ltd., Bangalore, India   February 2015 – August 2017
Associate Software Engineer (April 2016 – August 2017)
Trainee Software Engineer (February 2015 – December 2016)
- Automated reporting, that reduced 80% of workflow process time for generating status reports of 50K loans
- Tested tracker app for quality that enabled mobile logging without LaaS Machine for employees at client location

CERTIFICATION

- Certified Scrum Master (Certificate ID: 000761116)   August 2019
- Mendix Rapid Developer Certification (Certificate ID: 13632)   January 2018

VOLUNTEER

Art of Living – Volunteer Yoga teacher and volunteer in Gift a Smile service project   March 2011 – Present
IBM India – Internal Scrum Instructor and Trainer for Agile Transformation   October 2017 – December 2018