Swetha Reddy Thumma

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EDUCATION:

The University of Texas at Austin   Dec 2023 – April 2024
Certification Program, Data Analytics Essentials
Jawaharlal Nehru Technological University   May 2016
B.Tech., Computer Science Engineering

CERTIFICATION & TECHNICAL SKILLS:

Certifications: The Complete SQL Bootcamp
Analytical Tools: Tableau, Microsoft Power BI, SAP Business Objects
Programming: SQL, Python, Java, JavaScript
Software: JIRA
Databases: MS SQL Server, MS Access

BUSINESS EXPERIENCE:

Info Technologies, Nellore, India
Business Intelligence Developer   July 2016 – December 2018
- Developed 25+ tableau dashboards for a marketing research firm to analyze buying behavior of the consumers
- Designed tableau dashboards and KPIs to help clients in analyzing the performance of the retailers
- Created business objects reports with order management system data to analyze orders and their changes
- Designed BO universes for prime decision-making web intelligence ad-hoc reports meeting all the requirements
- Managed large amounts of data and created complex SQL stored procedures and views to increase the efficiency
- Performed complete business analysis, functional and business requirements gathering to design key reports

PROJECTS:

Order Management System for a DVD Rental Company   June 2022 - November 2023
- Designed ER Model using MS Visio for rental order management system and implemented it by designing database using Microsoft Access by analyzing drawbacks in the current system
- Created required tables using SQL for rental order management system data for its warehouse which helped the company's warehouse process

Predicting Stock Prices and Risks associated with the Stocks   June 2022 - November 2023
- Analyzed stock values of 4 companies Apple, Google, Microsoft and Amazon using numpy and pandas.
- Implemented seaborn and matplotlib plotting techniques to find correlation between different stocks over time.
- Implemented Mote Carlo Simulation technique to estimate risk associated with each stock when invested.

Online voting system using Object Oriented Methodology   March 2016 - May 2016
- Analyzed the drawbacks in the current voting system and proposed online voting system by designing Software Development Life Cycle (SDLC)
- Developed Online voting system portal using Unified Modelling Language which includes Context Diagrams, Class Diagrams and Sequence Diagrams

Online Ticket Booking System   January 2016 - March 2016
- Designed and developed various modules of the application with MVC design architecture
- Wrote application front end with XML, PHP, HTML, CSS to enable the separation and content accessibility, including aspects such as the layout, colors and fonts
- Managed data using MySQL back-end database to provide fast data access, easy installation and simplicity