

Database Developer Intern Database Developer Intern Database Developer Intern Boston, MA

Work Experience Database Developer Intern Granite Telecommunications - Boston, MA January 2019 to August 2019 Migrated data from SQL Server & Oracle to Cloudera Hadoop cluster - Hive and Impala using Sqoop which increased the execution speed by 35% and analyzed the sales of the customers using PySpark. Created a data-model for Sim Card Inventory Management to assign cold SIMs and keep track on the overall inventory by strategically running a scheduled job in SQL Server Built interactive Power BI dashboards to visualize the customers risk and requirements to analyze the sales Translated functional requirements to create stored procedures to automate the ticketing process and to implement Security Technical Implementation Guide (STIG) changes to upgrade the cybersecurity standards using PL/SQL and T-SQL Northeastern University - Boston, MA May 2019 to July 2019 Boston, MA Algorithm Trading for Facebook Asset (ML Algorithms, Random Forests and Trading Strategies) May 2019-July 2019 Designed and developed a group of fixed income algorithm: Linear Regression, Kalman Filter, Garch, Exponential Moving Averages, Support Vector Machine and Random Forests Developed classical trading strategies such as Bollinger Bands, Relative Strength Index, Day Trading, Long - Short and MACD (Buy-Hold) Credit Card Fraud Detection August 2018 to December 2018 Performed EDA, feature selection and feature scaling on the dataset which was in PCA format Classified credit card fraud using machine learning models k-NN, SVM, Na ve Bayes, Decision trees and Random Forests, achieved Accuracy of 99% using Neural Networks Talend, SSIS, Tableau, Qlik Sense and Power BI April 2018 to May 2018 Developed data warehouse, pipelining/migrating data from various sources using Talend Data Fabric and SSIS Implemented Error Handling, Load Statistics, Slowly Changing Dimensions, Currency Conversion, Performance tuning, built custom dashboards to analyze customer segmentation in Tableau, Qlik Sense and Power BI Database for Travel Agency August 2017 to December 2017 Designed data model for a travel Agency using Toad Data Modeler to handle ticket bookings and payments Automated the payment system by using Triggers, Stored Procedures, Functions and Views in MySQL Software Engineer Trianz Holdings Private Limited - Hyderabad, Telangana April 2016 to June 2017 Developed test cases, test strategies and

approaches that align with business users in Agile Environment Tested and validated real-time data of Liberty Mutual Insurance using SQL with ETL techniques in OLAP environment Tested Dimensional tables SCD Type 1, Type 2 and Fact Tables in Star Schema and all phases of SDLC

Software Engineer (Manual/Automation Tester) Trianz Holdings Private Limited - Bengaluru, Karnataka September 2015 to March 2016 Involved in creating Test Strategy, Test plan and created test scenario Conducted Functional Testing, Automation Testing using Selenium the landing pages of an ecommerce application Conducted Smoke testing, Functional testing, Regression testing, Integration testing, and User Acceptance Testing (UAT) and Data validation testing. Well exposed to Software Development Life Cycle and Test methodologies

Education

Master in Information System in Relevant Northeastern University - Boston, MA December 2019

Bachelor in Engineering in Electronics and Communication Engineering Sri Jayachamarajendra College of Engineering - Mysore, Karnataka May 2015

Skills Machine learning, Database, Sql server, Mysql, Oracle, Pl/sql, Sql, Impala, Data integration, Data point, Data visualization, Sql server integration services, Power bi, Teradata, Hive, Python, Pyspark, Sharepoint, Tableau, Jira

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Additional Information

TECHNICAL SKILLS:

Languages: Python, SQL and PL/SQL. Database: SQL Server, Oracle, MySQL, Microsoft Azure, Postgre and Teradata Data Integration Tools: Talend Enterprise Data Integration and SQL Server Integration Services (SSIS) BI Tools for Data Visualization: Microsoft Power BI, Tableau, Qlik Sense, Microsoft Excel Tracking Tools: JIRA and SharePoint Server Data Skills: Machine Learning Algorithms, Pyspark, Hive, Impala Others: NetBeans, Selenium, GitHub, Toad Data Point, Jupyter Notebook.

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