TEJAS JAYAPRAKASH

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SKILLS

Python, R, SQL, Excel, Data Analytics, Financial Analytics, Fraud Analytics, KPI Development, ETL, Data Pipelines, Data Warehousing, Redshift, BigQuery, Cassandra, Alteryx, Statistical Modeling, Machine Learning, Looker Studio, Tableau, Looker, GCP, AWS: EC2, DynamoDB, S3

WORK EXPERIENCE

Analytics Engineer, Automation Of Tools & Processes

Cogeco Connexion Inc

Jun 2022 - Present

- Developed a project management system with automation, reducing time and generating additional revenue

- Consolidated data and automated invoice management using GCP's BigQuery database and scripted daily updates, saving costs and improving accuracy

- Designed a performance analysis solution for employees using BigQuery, which improved appraisal accuracy and reduced report compilation time

- Implemented measures for SLA compliance, reducing contract violations and saving costs

- Achieved cost savings by automating tasks and establishing KPIs across teams using Google Workspace, BigQuery, SQL, Looker Studio, and Tableau

Data Analyst

PwC

Mar 2019 - Mar 2020

- Developed an AI application for the ML team, achieving resource cost reduction and mitigating financial crime risk

- Created an anti-fraud engine and AML analysis tool to detect financial criminal activities

- Collaborated with teams to ensure data source accuracy and developed data pipelines for real-time model training using Kafka streaming platform

Transaction Risk Analyst

Amazon Development Centre

Mar 2017 - Dec 2019

- Implemented performance dashboards using Excel and Tableau to analyze transactional KPIs of Amazon Pay services, detecting and alerting fraudulent activities

- Identified fraudulent transaction patterns through data analysis and implemented fraud triggering rules

- Designed a proof-of-concept (POC) to automate processes in the existing ticketing system, improving operational efficiency

INTERNSHIPS

Analytics engineer

Essex Powerline Corporation

Jan 2022 - Apr 2022

- Created an automated optimization tool, yielding risk reduction, improved project prioritization accuracy, and a boost in optimal investment selection

Data Scientist

iNeuron

Jan 2021 - Sep 2021

- Developed an industrial automation solution with Google Coral and the SSD algorithm, enabling real-time detection and immediate shutdown of machines in the red zone

EDUCATION

Data Analytics For Business

St Clair College

Graduation Date: Apr 2022

- Learned concepts in Database Systems, Big Data Technologies, Data Warehousing, Data Integration, Data Pipelines, Data Modeling, Machine Learning, Cloud Computing, and more

Mechanical Engineering

Sri Venkateswara College Of Engineering (BE)

Graduation Date: Jun 2016

- Studied Data Analysis, Computational Fluid Dynamics (CFD), Finite Element Analysis (FEA), Machine Learning Applications in Mechanical Engineering, Statistical Methods in Engineering, and more.