Vijayakumar Z
Senior Analytics Engineer

Senior Data Analyst and Machine Learning / Artificial Intelligence Enthusiast

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WORK EXPERIENCE

Senior Analytics Engineer
Prescience Decision Solutions

12/2021 - Present   *Bengaluru, India*
Copia Global Data Science & Analytics (Client)

Achievements/Tasks

- Researching, designing and developing ETL components and visualization reports required for the analytical for E-commerce domain
- Strong understanding of object-oriented programming and relational databases / Non-relational databases
- Writing complex query on PostgreSQL/ Redshift for the Data Pipelines and Reports
- Develop dashboard and reports in Tableau for the business analysis
- Deploying the analytics code using AWS Services

Data Engineer
Tata Consultancy Services

12/2017 - 12/2021   *Chennai*

Achievements/Tasks

- Responsible for the ETL and Data Engineering tasks on the product devlepment
- Complex transformation logic using PostgresSQL and Spark
- Designing Airflow DAG for ETL Workflow Orchestrations, Job Automation Scripts in Linux Server

EDUCATION

Bachelor of Technology
Pondicherry Engineering College

2013 - 2017   *Puducherry,India*

Courses

- Computer Science and Engineering

Post Graduate Program in Artificial Intelligence and Machine Learning
Great Lakes, Chennai and Texas McCombs, USA

01/2021 - 02/2022   *Chennai, India*

Courses

- Artificial Intelligence and Machine Learning

SKILLS

Tableau · Python · Redshift · SQL · PostgreSQL · AWS Lambda · Business Analytics · AI/ML · AWS · Data Analysis · Airflow · Model Development · Spark · Linux · CI/CD · Open Source · SVN

PROJECTS

Analytical Product Development for Banking and Insurance Domain

- Working on Product Division of TCS Digital Software and Solution Group. Our group develops various analytical products in different domains
- Part of core engineering team of the product development
- Implementation of Digital Persona for the customer using K-Mean clustering algorithm in the analytical product

Data Integration

- Data Management and Integration for the various B2B applications

ACHIEVEMENTS

Implemented various Proof of Concept to reduce the manual work

Automated the alert and Critical Monitoring on Business Impacting Issues

Automated customer segmentation analysis using python critical for the marketing activity

LANGUAGES

English
Full Professional Proficiency

Tamil
Native or Bilingual Proficiency

Telugu
Professional Working Proficiency

Hindi
Professional Working Proficiency

INTERESTS

Product Development

Artificial Intelligence and Machine Learning · Gym

Swimming · Cycling