Janushiya Rajakumar

ASPIRING DATA ENGINEER WITH A STRONG FOUNDATION IN DATA SCIENCE

CONTACT

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🌐 Janushiya Rajakumar - LinkedIn

SKILLS

Technical Skills

- Programming Languages SQL, Java, C/C++, Python
- Data Analysis: Pandas, NumPy
- Data & Visualization Tools: Power BI, Tableau, Excel, TensorFlow
- Database Management: MySQL, SQL
- Deep Learning: CNN, RNN
- Natural Language Processing (NLP): tokenization, stemming
- Cloud Computing: AWS, Azure, Fabric
- Data Processing and ETL Concepts: ETL workflows, data transformation techniques,
- Data warehousing Big data tools: Hadoop Web
- Web Development - React

PROFILE

Motivated Data Science undergraduate currently pursuing a Bachelor's degree with strong skills in Python, SQL, and Java. Focusing on Data Engineering, including ETL development, data pipelines, and scalable data solutions. Experienced in data manipulation, visualization, database management, and basic machine learning. A curious, fast learner with a passion for solving problems, transforming data into insights, and contributing to impactful real-world projects.

EDUCATION

Bachelor of Science in Information Technology Specialized in Data Science (4th Year 2nd Semester)
Sri Lanka Institute of Information Technology (SLIIT)
CGPA: 3.46

GCE Advanced Level Examination
Ramanathan Hindu Ladies' College
Combined Maths : A | Information Technology : B | Physics : C

WORK EXPERIENCE

Creative Software   MARCH 2025 - PRESENT
Data Engineer Intern

- Contributed to the development of an on-premise data warehousing solution to consolidate data from multiple sources for enterprise-wide reporting and analytics.
- Supported scalable data integration and ensured delivery of high-quality, reliable datasets for business stakeholders through interactive dashboards.
- Designed and maintained ETL pipelines using on-premise data tools.
- Extracted, transformed, and integrated data from multiple database systems.
- Developed report logic and prepared Power BI dashboards to support data-driven insights.
- Prepared accurate, reliable datasets to support reporting and dashboard development.

HSBC Bank   MAY 2022 - DECEMBER 2024
Customer Solution Representative (May 2022 – May 2024)
Project Coordinator (June 2024 – December 2024)

- Analyzed data, prepared reports, and maintained project documentation.
- Ensured compliance with standards and managed customer exit processes.
- Provided customer support, solved queries, and delivered tailored solutions.
- Contributed to customer satisfaction and business growth.

Professional Skills

- Critical Thinking
- Problem-Solving
- Communication
- Continuous Learning
- Teamwork
- Time Management
- Adaptability
- Detail-oriented
- Analytical thinker

LANGUAGES

- English (Fluent)
- Sinhala (Intermediate)
- Tamil (Fluent)

FIND ME

- Janushiya Rajakumar - LinkedIn
- https://github.com/ JanushiyaR
- http://medium.com/ @rajakumarjanu

REFERENCE

Rushika Jayasinghe

Data Engineer - Creative Software

Phone: 071 12 01 116
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Sanjeeth Perumal

Senior Manager - Technology
Risk Ernst & Young, Sri Lanka

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PROJECT

Risk Management System: Data Analytics Tool

- Building an on-premise data warehouse to support risk analytics.
- Developing data pipelines and creating interactive dashboards for real-time insights.
- Technologies: SQL, Python, Power BI, ETL Tools

Azure Data Engineer – End-to-End Data Pipeline

- Designed and deployed an end-to-end Azure data platform using ADF for orchestration, Databricks (PySpark) for data transformation, and Azure Synapse Analytics for analytical querying.
- Implemented the Bronze–Silver–Gold (Medallion) architecture to improve data quality, performance, and reusability, delivering analytics-ready datasets for Power BI reporting.
- Technologies: Azure Data Factory (ADF), Azure Databricks, Azure Data Lake Storage (ADLS Gen2), Azure Synapse Analytics, Power BI, SQL

Curriculum Optimization Using NLP

- Analyzing past papers and lecture content using NLP to identify key patterns.
- Automating study material generation and continuous assessment guidance.
- Technologies: Python, NLP, Scikit-learn, Vectorization

Data Warehousing and Business Intelligence Project: Movie Rating Analysis

- Built an end-to-end ETL pipeline using SSIS to load meal data.
- Designed OLAP cubes with SSAS and created visual dashboards for analysis using power BI & Excel
- Technology : SQL, SSIS, SSAS, Power BI, Excel

Laptop Price Prediction Model Project

- Built a price prediction model using classification and regression techniques.
- Processed, cleaned, and evaluated data to ensure accurate predictions.
- Technologies: Streamlit, Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn

Song Recommendation System Project - Content Based

- Developed a content-based music recommendation system using feature extraction.
- Implemented the recommendation algorithm in Python to deliver personalized results.
- Technology : Flask, HTML, NLP, Cosine Similarity, Pandas, scikit-learn, Vectorization

CERTIFICATION

- Python For Data Science, AI & Development From IBM: Python Data Science Cretifcate
- Mastering Power BI Report Design -Beginner to Advanced: Mastering Power BI Report Design
- Data Science -Python for Data Analysis Full Bootcamp: Python for Data Analysis Full Bootcamp
- Career Essentials in Data Analysis by Microsoft and LinkedIn: Career Essentials in Data Analysis by Microsoft and LinkedIn