Suprith M

Contact: 8197723170
Email: suprithvasista829@gmail.com
LinkedIn: https://www.linkedin.com/in/suprithm1/
Portfolio: https://suprithm.vasistatech.in/

CAREER OBJECTIVE

With over two years of experience as a Data Engineer, I have a strong background in building scalable data processing frameworks and optimizing data pipelines. Proficient in Python, Scala, and big data technologies, specialize in enhancing data integrity, process efficiency, and process automation. Looking forward to apply my technical expertise and problem-solving skills to deliver impactful, data-driven solutions in a dynamic and challenging environment

EXPERIENCE

MBB Labs Private Ltd   **Bengaluru, India**
Data Engineer   **March 2023 - Present**

- Implemented Slowly Changing Dimensions (SCD)/SCD Recovery frameworks to manage historical data changes effectively, ensuring data accuracy over time
- Developed and optimized incremental/incremental recovery data processing frameworks, enabling efficient updates to large datasets with minimal disruption
- Enhanced the alt measure engine for reporting purposes, ensuring accurate and timely insights
- Led enhancements to the Spark DQ framework, optimizing performance and enabling real-time processing for large datasets reducing job execution time by 60%
- Led the production deployment of multiple UDL versions, ensuring robust implementation of critical business changes with zero downtime
- Designed and implemented scalable data extraction frameworks, improving operational efficiencies and SLA adherence across multiple teams
- Developed enterprise libraries to facilitate cross-platform data connectivity, promoting code reusability and reducing development time
- Engineered solutions in oracle for high-volume data loading for 100M records in under 30 seconds, enhancing system performance and responsiveness

MBB Labs Private Ltd   **Bengaluru, India**
Data Engineer Intern   **June 2022 - February 2023**

- Developed and implemented data quality checks and automation scripts in Python, enhancing data integrity and operational efficiency
- Created proof of concept for Oracle Data Integration (ODI), streamlining metadata extraction and improving data handling processes
- Automated complex installer preparation and reconciliation workflows for REDW and UDL, significantly reducing manual effort and error rates
- Analyzed industry data transformations, designing automated scripts for data mapping and reporting, facilitating seamless transitions from development to production

TECHNICAL SKIILLS

- **Programming Languages**: Python, Scala, SQL, Plsql, HQL, Shell Scripting, Dart
- **Technologies:** Spark, Pyspark, Hadoop, Data Lake, Data Warehouse, Oracle Database, ODI, Unix, Hive, Oracle Big Data Appliance, Teradata, Data Bricks, Azure Cloud, Mongo DB, Flutter

EDUCATION

- BE in **Computer Science and Engineering** AUG-2022 from **VTU** with **6.79 CGPA**

PROJECTS

- **Recursive Job Matching**
  Developed and deployed a web application on Streamlit Cloud that delivers customized resume feedback by leveraging data from job portals and the Google Gemini Pro API for enhanced job alignment
- **Data Consolidation Utility**
  Developed and deployed a data consolidation utility in Python to the PyPI community
- **Custom File Loader Widget**
  Created a custom Streamlit file uploader widget that delivers upload paths for metadata-focused use cases, contributing it to the Streamlit community for enhanced functionality

TRAINING AND CERTIFICATION
- Machine Learning with Python from E & ICT Academy, IIT Kanpur
- Training and internship in artificial intelligence at Pantech Solutions

ACHIVEMENTS
- Earned membership in the prestigious Google Cloud Innovator Club by excelling in a competitive Google hackathon focused on Generative AI, demonstrating innovative problem-solving and technical expertise
- Recognized as "Star Performer" in multiple sprints for exceptional contributions
- Awarded "Best Employee" for outstanding teamwork and project delivery

Extra-Curricular
- Won the interior-college science fair "Space Science"
- Participated in District level throw ball and in taluk level chess
- Coached juniors in 12th grade physics, chemistry, biology