Suprith M

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CAREER OBJECTIVE

Looking for a challenging role in a reputable organization to utilize my technical, database, and management skills for the growth of the organization as well as to enhance my knowledge of new and emerging trends in the IT sector

EXPERIENCE

Data Engineer | Mbb Labs   *June 2022 – Present*

Full-Time Role (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 across various metrics
- 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

Internship (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, Big data, Hadoop, Data Lake, Data Warehouse, Oracle Sql Database, ODI, Unix, Hive, Oracle Big Data Appliance, Teradata, Data Bricks, Azure Cloud, Mongo DB, Flutter

EDUCATION

- BE in **Computer Science and Engineering** AUG-2018 from **VTU** with **6.79 CGPA**
- Pre-University in AIMS College with 81%

ACADEMIC PROJECTS

- **Recursive Job Matching**
  Developed a web application deployed 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, leveraging Pandas to merge Excel files based on user configurations

- **Custom File Loader Widget**
  Developed a custom file uploader widget in Streamlit that provides file upload paths, addressing use cases where metadata is prioritized over the actual content. This tool has been made available to the Streamlit community for enhanced functionality

TRAINING AND CERTIFICATION
- Successfully completed a competitive hackathon hosted by Google, centered on Generative AI, showcasing innovative problem-solving and advanced technical skills. This achievement earned me membership in the prestigious Google Cloud Innovator Club
- Machine Learning with Python from E & ICT Academy, IIT Kanpur
- Training and internship in artificial intelligence at Pantech Solutions

ACHIVEMENTS
- 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.