AMANDA YURI MONTEIRO IKE

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Data Engineer

- Currently studying Software Engineering Technology (Fast-track) at Centennial College
- Proficient data engineer with six years of hands-on experience on data solutions in which the last 2 years were totally focused on data engineer.
- Strong practical knowledge in every discipline of the data engineering including planning, designing, analyzing, development and maintenance of data solutions. Besides that, experience in working with data scientists and business analytics.
- Excellent interpersonal and teamwork skills developed while working in different companies.
- Ability to multi-task work across different teams. Diverse work experience with different business teams.
- Skilled at organized processes and prepared documentation.

EDUCATION

Advanced Diploma in Software Engineering Technology Fast-track (full-time)
Centennial College | Progress Campus, Scarborough, ON| 2022-September – Present

Degree in System Analysis and Development
FIAP - Faculdade de Informática e Administração Paulista | São Paulo, SP, Brazil | 2013 – 2014

PROFESSIONAL EXPERIENCE

DATA ENGINEER
Nubank | 2020-January – 2022-May

- Created pipelines to extract, ingest and transform data from several data sources (Oracle Database, MongoDB, JSON, Files, SQL Server, API).
- Improved data solutions involving investment processes.
- Communicated with business squads (product's teams) to understand needs and requests.
- Project: Investment profitability
  - Designed a data solution to develop a profitability data mart to the Investment Business Unit (NuInvest)
    - Developed pipelines to extract data from different sources and ingest data on Azure Cloud.
    - Developed Databricks notebooks using pyspark to transform and refine data applying business rules to calculate the customer profitability.
    - Prepared technical documentation.
- Data engineer focused to data science team:
  - Refactored data solutions on data lake to improve pipelines and data quality.
  - Investigated, analyzed, extracted, and prepared data to data science models.
  - Maintained the data lake architecture on Microsoft Azure.

Professional Experience (Continued)

CONSULTING – APPLICATION DEVELOPMENT SPECIALIST
Accenture Brazil | 2017-September - 2019-December

- Built and designed analytical application to improve financial processes (planning and budget) using Oracle Hyperion tools.
- Ingested streaming data and transactional data to Big Data solutions using Spark and Java.
- Led a team of over 5 analysts on data warehousing projects
- Prepared technical documentation and functional requirements.

CONSULTING ANALYST
Technolab Corp Brasil |2014-October - 2017-August

- Gained knowledge of analytical solutions involving EPM (Enterprise Performance Management).
- Worked with data analysts to extract, transform, and load data to Oracle Hyperion tools.
- Maintained business application used by the financial team, accounting team and human resources department.
- Improved Essbase scripts to the financial planning process.

TECHNICAL SKILLS

Programming Languages: Python, Pyspark, Java

Tools and Frameworks: Microsoft Azure (Data Factory, Dataflow, Storage Gen 2, Key Vault, Synapse), Databricks, Oracle Database, Apache Spark, Talend Open Studio (ETL Tool), Airflow, Oracle Hyperion (Essbase, Planning and HFM), Kafka, Hadoop

Skills and Techniques: ETL, Data modeling, Data architecture, Agile methodology, NoSQL (MongoDB), Analytical problem-solving