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EDUCATION

- Master of Science in Data Science and Computing from Sri Sathya Sai Institute of Higher Learning, 2021
- Bachelors in Computer Applications from Sri Sathya Sai Institute of Higher Learning, 2019

CORE COMPETENCIES

- Data Analytics
- Data Visualization
- Predictive Analytics & Modeling
- API Integration
- Data Warehousing
- Statistical Analysis
- Machine Learning
- Data Governance
- Data Quality Management
- Data Integration & Security
- Data Architecture & Migration
- Data Pipelines and ETL Processes
- Neural Networks and Deep Learning
- Generative AI Applications
- Shell Scripting

TECHNICAL SKILLS

- Python Liquid
- Python, SQL
- Metabase
- Apache Airflow, NIFI, Kafka
- Java Microservices
- Drool Rules

AWARDS & ACHIEVEMENT

- Pack My Back Award (2022)
- Part of the runner-up team in the ABDM 2022 Hackathon, organized by ABDM (Government of India)
- Contributed to the creation of an inventive QR-based registration system designed to streamline healthcare administration processes.

CERTIFICATIONS

- Introduction to Big Data Analytics
- Databricks Workspace and Interface
- Fundamentals of SQL
- ETL & Data Pipelines with Shell, Airflow, and Kafka
- Generative AI: Introduction & Application
- Neural Networks and Deep Learning

PERSONAL DETAILS

- **Languages Known:** English, Telugu, Hindi, and Tamil
- **Address:** Bangalore, Karnataka - 560103

YOGISWAR YENIGALLA
Developer

Dedicated and result-oriented professional targeting opportunities in Data Analysis, and Python Development roles across various industries, leveraging a Master of Science, aiming to contribute expertise in transforming data into actionable insights.

PROFILE SUMMARY

- Assisting the development team at Karkinos Health Care with exceptional performance and results, spanning **nearly 3 years**, primarily in the healthcare industry.
- Leading the data analytics team at Karkinos Health Care with a track record of exceptional performance & impactful results, pioneering data-driven solutions to drive advancements and excellence within the healthcare industry.
- Mastering a wide array of tools including Python, SQL, and various data analytics and data engineering platforms like, Apache Airflow, Apache NIFI, and Apache Kafka.
- Proficiency in overseeing ETL processes, crafting robust data pipelines, and harnessing diverse data analytics tools adeptly, with a keen emphasis on fostering code reusability and scalability.
- In-depth experience spans across data analysis, data engineering, and related domains, facilitating streamlined operations and driving impactful insights.
- Enhanced operational efficiency by implementing advanced hospital database systems, resulting in a significant reduction in patient turnaround time by half.
- Acquired extensive expertise in managing ETL processes, designing data pipelines, and utilizing various data analytics tools effectively.
- Innovated a cutting-edge recommendation system for healthcare professionals, optimizing patient consultations and decreasing consultation duration.
- Achieved an 85% increase in data processing efficiency at Karkinos Health Care through the successful implementation of ETL pipelines and dashboards, optimizing hospital analytics and improving operational performance.

WORK EXPERIENCE

Sep'21 – Present: Developer, Karkinos Health Care, Bangalore

Responsibilities:

- Collaborating with cross-functional team to interpret & analyze data for actionable insight.
- Designing & implementing data visualization strategies to communicate finding effectively.
- Developing and maintaining data pipelines for streamlined data processing.
- Conducting exploratory data analysis to identify trends, patterns, and anomalies.
- Implementing data quality check & validation procedure to ensure accuracy & consistency.
- Contributing to the development of data-driven strategies and decision-making processes.
- Performing ad-hoc analysis to support business needs and drive continuous improvement.
- Engaging in ongoing learning and professional development to stay abreast of industry trends and emerging technologies in data analysis.

PROJECTS:

Hospital Database Setup:

- Conceived, established, and managed the comprehensive hospital database system, slashing patient turnaround time from an average of approximately 2 days to a mere 4 hours, propelling hospital management efficiency by an impressive 50%.
- Engineered and executed an ETL pipeline alongside tailored dashboards exclusively crafted for hospital operations.
- Facilitated analysis of patients receiving risk assistance, furnishing invaluable insights crucial for the hospital's strategic decision-making.

Cancer Stage Analytics Tool:

- Collaborated with medical professionals across all echelons to address the challenge of accessing patient information essential for breast cancer diagnosis and screening.
- Architected sophisticated recommendation system tailored for doctors, optimizing patient consultations and deploying analytics to track patient progression, reducing consultation times for both doctors and patients from approximately 30 minutes to just 20 minutes.

Pipeline and Data Preprocessing:

- Cultivated a profound understanding of patient classifications and their pivotal role in healthcare management.
- Leveraged Python, Python Liquid, and openEHR to craft an end-to-end pipeline impeccably tailored to address the intricacies of patient classification with unparalleled efficacy.