

# JAYAKALYANI KOMMANABOENA

+17165207568 | kommanaboena@gmail.com | linkedin.com/in/jaya-kalyani-kommanaboena

## SUMMARY

As a dynamic professional with hands-on experience at Accenture, I bring a unique blend of skills in Data Analysis and Data Engineering. In my 6-month role as a Data Analyst, I honed my abilities to extract actionable insights from complex datasets, interpret business requirements, and present findings to stakeholders using advanced analytical tools. Transitioning to a 6-month stint as a Data Engineer, I demonstrated proficiency in designing and maintaining robust data pipelines. Working with cutting-edge technologies, I ensured seamless ETL processes, data integration, and optimized storage solutions. My hands-on experience with tools such as Informatica Power Center, AWS, MySQL has equipped me to tackle diverse data engineering challenges. My time at Accenture solidified technical capabilities and enhanced collaborative skills in a fast-paced, client-centric environment. Eager to leverage my dual expertise in Data Analysis and Engineering, I aim to contribute to challenging projects, driving data-driven decision-making and innovation.

## EDUCATION

**Cumberland University**

*Master's, Information Systems*

**January 2024 - May 2025**

**Vignan's lara institute of technology and science**

*Bachelor's, Computer Science*

**August 2017 - May 2021**

## CERTIFICATIONS

AWS Certification by Accenture

Informatica Power Centre Certification by Accenture

## PROFESSIONAL EXPERIENCE

**Accenture**

*Data Analyst*

**Hyderabad, Telangana, India**

*March 2022 - August 2022*

- Designed, developed, and implemented ETL processes using Informatica PowerCenter.
- Extracted data from various sources, transformed it according to business rules, and load it into target systems.
- Ensured data quality by implementing data cleansing, validation, and enrichment processes.
- Identified and resolved data quality issues to maintain the accuracy and reliability of information.
- Created data mappings between source and target systems.
- Designed and implemented data models to support ETL processes and business requirements.
- Optimized and tuned ETL processes for improved performance.
- Identified and addressed bottlenecks to enhance the efficiency of data integration workflows.

**Accenture**

*Data Engineer*

**Hyderabad, Telangana, India**

*August 2021 - February 2022*

- Assisted clients in troubleshooting and resolving issues related to Informatica PowerCenter and other related tools.
- Collaborated with cross-functional teams to gather requirements and develop data integration solutions.
- Participated in the design, development, testing, and deployment of ETL (Extract, Transform, Load) workflows and data pipelines.
- Conducted performance tuning and optimization to enhance data integration processes.
- Contributed to the creation and maintenance of technical documentation, including design specifications, data mappings, and workflow diagrams.
- Collaborated with database administrators to optimize data warehouse performance, design efficient schemas, and enhance data loading processes.
- Conducted performance tuning activities for Informatica PowerCenter mappings, sessions, and workflows to enhance data integration process efficiency.
- Ensured data quality and integrity by implementing data cleansing, validation, and enrichment processes using Informatica PowerCenter.

## PROJECTS & OUTSIDE EXPERIENCE

**Event Management System**

*Self Project*

**Buffalo, NY, USA**

*January 2023 - May 2023*

- Designed and developed an event management system.
- Gathered requirements from stakeholders and translated them into functional specifications.
- Designed the system architecture and database schema.
- Implemented core features, such as event registration, ticketing, and attendee management.
- Conducted system testing, identified and resolved bugs, and ensured overall system performance.
- Collaborated with the UI/UX team to create an intuitive and user-friendly interface.

**Fake product identification using Blockchain****Tenali, Andhra Pradesh, India***Project Lead**January 2021 - May 2021*

- A Decentralized End to End Logistics Application that stores the whereabouts of product at every freight hub to the Blockchain.

**SKILLS**

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**Skills:** Python, AWS, MySQL, informatica, Excel/Numbers/Sheets, Business Analytics, BigQuery, C/C++, Data Analysis, Databricks, Data Science, Data Structures & Algorithms, Development Operations (DevOps), Google Analytics, Google Cloud Platform, Jupyter, Keras, Linux/Unix, Microsoft Azure, NumPy, OpenCV, Operating Systems, Oracle, Pandas, Postgres, Power BI, PowerPoint/Keynote/Slides, Pytorch, SAP Products, Snowflake, SQL, Tableau, Tensorflow, Word/Pages/Docs

**Languages:** Hindi, Telugu