

# Jaya Kumari

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🌐 Jaya Kumari | ✉️ jayaa.kumari17@gmail.com

## SUMMARY

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A Data Engineer with great analytical and problem-solving skills having experience in building ETL pipelines, writing complex SQL queries and building interactive dashboards/reports.

## SKILLS

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Analytical Tools: Microsoft Power BI, Tableau, Power Query, DAX, Power BI Services, Excel, Azure Data Factory, ETL, DAX Studio, Git

Technical Skills: Exploratory Data Analysis, Data Visualization, Root Cause Analysis(RCA), Data Modeling, Snowflake/Star Schema

Database: PostgreSQL, MySQL, SAP and Azure SQL Database

Languages: Python

## WORK EXPERIENCE

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Austere System Pvt Ltd.

Feb 2022 - Sept 2024

Senior Data Engineer

(PostgreSQL, ADF, Power Bi, DAX, Data Analysis, Data Modelling, RCA etc)

- Implemented a large scale transformation projects for one of India's largest cement manufacturers.
- Led the development of a **Sales and Logistics Control Tower(SLCT)** - PowerBI based dashboards, for 10+ roles, integrated with root cause analysis feature for 50+ **KPIs**, enabling clients to identify performance gaps.
- Implemented **Row-Level Security(RLS)**, ensuring that end-users could securely access and view the report based on their respective roles and permissions.
- End to End development from pulling data from different sources to Staging Database as PostgreSQL to Power BI reports.
- Built and maintained **Azure Data Factory** pipelines to ingest data into target database(Postgresql), incorporating incremental data updates.
- Implemented and managed automated pipeline solutions by creating **triggers** in Azure Data Factory that run pipelines on a schedule.
- Written complex **Postgresql** queries to extract the data, implemented **optimization techniques** resulting in faster query response times.
- Designed interactive and visually appealing dashboards using **Power BI** to visualize real-time and historical data trends, these visuals provides insights that helps in decision-making.
- Collaborated with cross-functional teams to gather requirements, and translate them into actionable technical solutions which contributed to a **15percent** increase in **productivity and cost savings**.
- Crafted an advanced **RCA model** for quantitative and qualitative in-depth data analysis, **enhancing the overall analytical capabilities**, which reduces analysis time of the users upto 40 percent.
- Mentoring teammates by training and guiding them to meet the project requirements.

Austere System Pvt Ltd.  
Data Engineer (MySQL, Python, Excel)

- Created functions in **python**.
- Written complex queries using **SQL** to fetch data from the source Database.
- Created an email sender for the client using skills such as **python** and **SQL**.
- This system will generate automated email notifications based on the current status of each client's shipment.
- It includes information such as estimated arrival times, port name, vessels name, any unexpected delays, the status of the orders (**Ongoing/Completed**) etc.

SNVA Ventures (Data Science Internship)

June 2021 - Feb 2022

- Created Dashboards and reports in **Power BI**, **Tableau** and **Google Data Studio**.
- Developed **Machine Learning** models.
- Worked on **Supervised** and **Unsupervised Learning**.

## EDUCATION

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Post Graduate Program in Data Science

Aug 2023 - Sep 2024

Starex University(Gurugram/Haryana),  
Bachelor of Computer Application(BCA)

June 2019 - June 2022

## REWARD AND RECOGNITIONS

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- Certificate of Appreciation - (Austere System Pvt Ltd.)
- Best Teamwork Award - (Austere System Pvt Ltd.)

## CERTIFICATIONS

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- Post Graduate Program in Data Science from Careerera.