CHALLA JAIPAL REDDY

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Linkedin | **GitHub**

EDUCATION

Kalasalingam Academy of Research and Education Virdhunagar,Madurai
Computer Science and Engineering B.Tech Sep 2022 - April 2026
CGPA: 8.06

Shastra Junior College Vijayawada, Andhra Pradesh
MPC Intermediate July 2020 - Present

Vision High School Sattenapalle, Andhra Pradesh
Secondary Education SSC April 2019 - June 2020
Percentage: 98%%

EXPERIENCE

Bharath Intern | Data Science Remote | June 2024 - July 2024

As a Data Science Intern at Bharat Intern, I had the opportunity to work on various data-driven projects, applying analytical and machine learning techniques to real-world problems. I was involved in data collection, cleaning, transformation, and analysis to generate actionable insights for business decisions.

SKILLS

Programming Languages:	Pyhton, SQL, C, HTML, CSS
Libraries/Frameworks:	Numpy, Pandas, Matlplotlib
Tools / Platforms:	VS Code, Power BI, Tableau
Databases:	MangoDB

PROJECTS / OPEN-SOURCE

Pharma Sales Visualization *Power BI*

Developed an interactive Tableau dashboard to visualize and analyze pharmaceutical sales data, focusing on key metrics such as regional sales performance, drug profitability, and product category trends. The dashboard included dynamic visualizations like bar charts, line graphs, and heat maps, highlighting top-performing states

Walmart Data Analysis Project | Link *PostgreSQL,Python*

Developed an end-to-end Walmart Sales Data Analysis project using SQL and Python for data extraction, cleaning, transformation, and insight generation.
Designed and executed PostgreSQL queries for data aggregation, trend analysis, and profitability insights.
Cleaned the dataset by handling duplicates and NULL values, and optimized schema design for efficient querying.
Managed project files via GitHub, including regular updates, file deletions, and version control using GitHub web interface.
Documented findings and SQL scripts on GitHub for transparency and collaboration.

Walmart Data Analysis - SQL + Python | Link *Python, SQL (MySQL, PostgreSQL), Pandas*

- Developed an end-to-end data pipeline to clean, transform, and analyze Walmart sales data using **Python and SQL**.
- Integrated MySQL with Python using SQLAlchemy and PyMySQL for secure database operations.
- Executed advanced SQL queries to extract insights on sales trends, product performance, and customer behavior.

CERTIFICATIONS

- Data Visualisation: Empowering Business with Effective Insights - **TATA**
- SQL and Relational Databases - **IBM**
- AI Associate - **Salesforce**
- Data Analysis with Python - **IBM**
- Master Data Management for Beginners - **TCS ION**
- Data Analysis with Python - **IBM(Congnitve Class)**
- SQL and Relational Databases 101 - **IBM (Congnitive Class)**

HONORS & AWARDS

- Community Leadership Youth Red Cross (2024) Acknowledged for leadership and contributions to the YRC community events and initiatives.
- Microsoft Data Visualization - Badge Awarded by Microsoft for demonstrating expertise in transforming complex data into actionable insights through effective data visualization techniques and tools.