Marupaka Jayanth Kumar

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Education

Indian Institute Of Technology,Patna	**2021 - 2025**
B.Tech in Computer Science & Engineering	*7.49/10 CGPA (6 Semesters)*

Sri Chaitanya Junior Kalasala	**2019 - 2021**
Class 11-12,IPE	*Percentage:98.4%*

Projects

Pizza Sales Analysis <u>Source Code</u>

- Conducted comprehensive data analysis to identify top-selling pizza flavors, sales trends, and customer preferences, resulting in a 15% increase in sales.
- Utilized SQL for data extraction, transformation, and calculation of key metrics such as total revenue ($500,000), average order value ($25), and total pizzas sold (20,000).
- Created interactive Power BI dashboards to visualize sales by product category, time series trends, and geographic distribution of restaurant locations, leading to a 10% improvement in decision-making efficiency.
- **Tools & Technologies** : SQL,Power BI, CSV data files.

Amazon data analysis <u>Source Code</u>

- Analyzed and visualized sales trends, uncovering key insights into market performance, product sales, and revenue patterns across different regions and time periods.
- Wrote complex SQL queries to analyze revenue trends, market performance, and product sales, identifying key insights such as a 57.7% sales decline in 2020 compared to 2019.
- Built interactive dashboards in Power BI to visualize regional sales, revenue trends, and market contributions, aiding in strategic decision-making and highlighting top-performing markets like Delhi NCR and Mumbai.
- **Tools & Technologies** : Python, Numpy, Pandas.

SKILLS/COURSEWORK

Languages: C, C++, Python, SQL, JavaScript.
Web Technologies : Power BI, Numpy, Pandas.
Developer Tools: VS Code , Git, Github, Excel, Jupyter Notebook.
Soft Skills: Leadership Qualities, Communication Skills, Time Management.
Courses Taken: Data Structures, Algorithms, Probability, DBMS, Machine Learning, Artificial Intelligence, Statistics.

COMPETATIVE PROGRAMMING

- Solved over **1,100** DSA problems across various coding platforms, enhancing my problem-solving skills.
- **Codeforces :** Max Rating : **1480**, Specialist, **Handle:** nani29.
- **LeetCode :** Max Rating: **1948, among top 3.48%, Handle:** jayanthmarupaka29, **Problems Solved** : 613
- **Geeksforgeeks :** Max Rating: **1829, among top 9.22%, Handle:** jayanthmarupaka29, **Problems Solved** : 193

Educational Achievements

- Secured All India rank **5275** out og 151193 applicants in JEE ADVANCED 2021 conducted by IIT KGP.
- Ranked in the **top 0.66** percentile out of more than 1.14 million candidates in JEE MAIN.

Certifications

- Earned Microsoft certification in the **Azure AI Hackathon** and developed a **chatbot** named **Gita GPT**.
- Earned a certificate for strong problem-solving skills and proficiency in algorithms and data structures from **HackerRank**.

Position Of Responsibility

- Worked as a **Co-Mentor** in the **Student Mentorship Program (SMP)** at IIT Patna.
- Volunteer for **Creative And Design (C&D)** at **Anwesha**,IIT Patna.