

Jaswanth Kumar Reddi

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Education

Lovely Professional University, Phagwara, India

B.Tech. in Computer Science

Aug 2020 – Jun 2024

CGPA: 6.55

Narayana Junior College, Vizag, India

Higher Secondary Education

Jun 2018 – Mar 2020

Percentage: 84.4%

Technical Skills

Languages: C, Python, Java, SQL

Technologies: Advanced Excel, Tableau, RPA

Libraries & Tools: Pandas, NumPy, Matplotlib, Seaborn

Soft Skills: Problem Solving, Innovative Thinking, Self-learning, Adaptability

Courses Undertaken:

- Data Structures and Algorithms
- Object Oriented Programming
- Computer Networks
- Database Management Systems
- Operating Systems

Certifications:

- Java Full Stack – Hit Bullseye (Nov 2023)
- Data Structures & Algorithms – Geeks for Geeks (Jun 2022)
- Data Visualization – Coursera (Aug 2023)

Projects

Retail Sales & Customer Insights Analysis

Feb 2024 – Apr 2024

- Analyzed 40,000+ retail transaction records using **Python (Pandas, NumPy)** to identify sales trends and customer behavior.
- Cleaned and processed raw data by handling missing values, duplicates, and outliers to improve data quality.
- Performed **Exploratory Data Analysis (EDA)** to evaluate monthly sales growth, category-wise revenue, and regional performance.
- Wrote optimized **SQL queries** using joins and aggregations to compute KPIs such as total revenue, average order value, and repeat purchase rate.
- Created insightful data visualizations using **Matplotlib and Seaborn** to communicate findings.
- Built an interactive sales dashboard using **Tableau / Advanced Excel** to highlight top products and customer segments.
- Generated actionable business insights to identify high-value customers and underperforming product categories.

Mobile Classification System using Machine Learning

Aug 2023 – Nov 2023

- Built a mobile recommendation system based on user budget and feature preferences.
- Trained and evaluated classification models achieving 97% accuracy using XGBoost.
- **Tech Stack:** Python, Machine Learning, Pandas, Scikit-learn

House Rent Prediction Analysis

2022 – 2023

- Analyzed house rent datasets from major Indian cities using Kaggle data.
- Performed data cleaning, preprocessing, and exploratory data analysis.
- Created insightful visualizations using Seaborn and Matplotlib.
- **Tech Stack:** Python, Data Visualization, Machine Learning to create visually graphs and charts analyzing data.

Achievements

- Ranked 3rd in Winter Notch'22 Department-level Coding Contest at LPU
- Solved 250+ problems across multiple coding platforms
- Won Gold Medal in Maths Olympiad (Jan 2020)

Extra-Curricular Activities

- Event Organizer: Organized technical and non-technical events, hackathons, and fests engaging over 1000 students at VRSE College.
- Actively participated in multiple hackathons, demonstrating strong problem-solving skills, creativity, and teamwork.