

CAREER SUMMARY

Ambitious Data Science Fresher | B.Tech - Computer Science & Engineering (2025) | IBM-Certified Data Science Training

Expertise in Python, SQL (MySQL), TensorFlow for extracting actionable insights from complex data. Completed an IBM-partnered "Master Data Scientist" certification (Simplilearn), gaining hands-on experience in machine learning, statistical modeling, and data visualization.

Passionate about applying data-driven solutions to solve tangible business challenges. Eager to leverage technical skills and solid analytical foundation in an entry-level role to build predictive models, uncover insights, and contribute to data-centric innovation.

EXPERTISE

Data Acquisition & Cleaning | Quality Assurance & Validation | Exploratory Analysis & Reporting | Statistical Modeling | Predictive Model Development | Data Visualization & Dashboards | Business Insight Communication | End-to-End Project Delivery.

TECHNICAL SKILLS

Programming & Scripting : Python | Java | C | HTML

Data Manipulation : Pandas | NumPy

Machine Learning Frameworks : TensorFlow | Scikit-Learn

Visualization & BI : Matplotlib | Seaborn | Tableau | Power BI

Databases & Storage : MySQL | MongoDB

Development Tools : Jupyter Notebook | Google Colab | VS Code | Git | GitHub

Additional Tools : Microsoft Office Suite | Adobe Photoshop

EXPERIENCES AND PROJECTS

IBM-CERTIFIED DATA SCIENTIST TRAINEE | Simplilearn (Online)

Feb 2025 – present

- Gained hands-on experience by working on industry-relevant data science projects through Simplilearn's structured training.
- Certified as a Data Scientist by IBM after successfully completing capstone projects and assessments

PROJECTS

Data Science & Machine Learning

- **Flight Fare Prediction:** Built a regression model to predict flight ticket prices, achieving an R^2 score of 0.96 after data cleaning and preprocessing.
- **Car Price Prediction:** Pre-processed used car listings and trained a regression model to estimate car prices.
- **House Price Prediction:** Processed housing data and developed a machine learning model to estimate property values using regression techniques.

Python Development

- **Shopping App Backend:** Developed a Python-based backend to handle product listings, admin/user authentication, and secure payment processing.

SQL & Data Analysis

- **Employee Performance Analysis:** Utilized MySQL queries to assess employee productivity, determine department-wise efficiency, and identify areas for performance enhancement.
- **Air Cargo Analysis:** Conducted SQL-based analysis on passenger and ticket data to identify busiest routes, customer trends, and revenue insights for airline optimization.

Data Visualization (Tableau)

- **Tesla Stock Price Analysis:** Designed a Tableau dashboard to track Tesla's daily stock prices, trends, and moving averages.
- **UT Mart Sales Analytics:** Created interactive visualizations to analyze top-selling products and identify underperforming categories.
- **Amazon Shipping Analytics:** Developed Tableau charts to assess on-time delivery rates and regional transit performance.

DATA ANALYST INTERN | InnoByte Services Online

Apr 2025 – May 2025

- As a Data Analyst intern , Analyzed Amazon sales data to find trends in products, delivery methods, and popular locations.
- Created Tableau dashboards to show key details like sales by region, customer types, and product categories.
- Shared useful insights with the team to help improve sales strategies and inventory planning.

MAJOR PROJECT | Btech

PREDICT BLOOD GROUP USING FINGERPRINT & IMAGE PROCESSING

Dec 2024 – Mar 2025

- Designed an innovative system that predicts an individual's blood group by analyzing fingerprint images with advanced image processing techniques.
- Leveraged machine learning models to correlate unique fingerprint patterns with specific blood groups, enhancing prediction accuracy.
- Implemented the VGG16 convolutional neural network model for feature extraction and classification, improving the model's performance and ensuring precise blood group prediction.

MINOR PROJECT | Btech

DATA TRANSMISSION FROM CLIENT TO SERVER USING RSA ALGORITHM

Dec 2023 – May 2024

- Developed a secure communication system between a client and a server using RSA encryption to ensure data confidentiality.
- Implemented robust encryption protocols to protect transmitted data from unauthorized access, demonstrating practical application of cryptographic techniques.

EDUCATION

- **BACHELOR'S DEGREE IN COMPUTER SCIENCE & ENGINEERING |** Kakatiya University College of Engineering and Technology
2022 – 2025
Cumulative GPA : **7.5 /10.00**
- **INTERMEDIATE (MPC) |** Sri Chaitanya Junior College
2020 – 2021
Cumulative GPA : **6.6 /10.00**
- **SECONDARY SCHOOL CERTIFICATE (SSC) |** Grace Mission High School
2018 – 2019
Cumulative GPA : **8.8 /10.00**

INTERESTS

Video Editing | Learning New Technologies | Problem-Solving Challenges | Abstract Photography | Yoga & Fitness | Sports (Football & Cricket) | Gaming