

# P C Nikhil Kumar Reddy

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## SKILLS

- Languages:** C++, Java, R, SQL, HTML, Python
- Frameworks:** NumPy, Scikit-Learn, Pandas
- Tools/Platforms:** Tableau, Jupyter Notebook, Oracle SQL, Excel
- Soft Skills:** Problem-Solving, Team Player, Project Management, Flexible

## PROJECTS

- Customer Churn Prediction using Python** Dec-2024
  - A customer churn prediction system developed through Python machine learning techniques conducted successful model development.
  - The model development process alongside data preprocessing along with implementation used pandas and NumPy and scikit-learn libraries.
  - The analysis using Matplotlib combined with Seaborn during EDA revealed the prime indicators that lead to customer churn.
  - Engineered features and stable methods to handle missing values and outliers were implemented within the predictive model.
  - Different algorithms received execution and evaluation under my purview including Logistic Regression with Random Forest amongst others.
  - Performance optimization through hyperparameter optimization optimized the model up to achieve accuracy
  - The measurable outcomes were presented with the help of Tableau visualization tools.
  - Tools:** Python, pandas, NumPy, Matplotlib, Tableau
- Hollywood Movie Analysis** Nov-2024
  - The analysis used Tableau to process and visualize Hollywood movie trend data.
  - A review of key metrics such as box office revenues in conjunction with IMDb rating scores along with genre performance metrics along with budget spending trends occurred.
  - I created interactive dashboard systems that uncovered strategic trends among film success and user tastes in audience settings.
  - The project assessed how actors coupled with directors in addition to production budgets influence the performance of films.
  - Through analysis of the data, I provided insight into trends within the industry along with what drives box office success.

## SUMMER TRAINING

- Board Infinity | Data Analyst** Jun' 2024 – Jul' 2024
  - Learned and applied technologies including SQL, Excel, and Database Management.
  - Gained practical exposure to Oracle 11g Express for data analysis and manipulation.
  - Enhanced understanding of relational databases and query optimization.

## CERTIFICATES

- Board Infinity-Database Management System (DBMS) & SQL Jul 2024
- Udemy– Mastering Data Structures & Algorithms using C++ Dec 2024
- Coursera - Supervised Machine Learning: Regression and Classification Dec 2024
- Coursera-**Excel** Skills for Data Analytics and Visualization Specialization Apr-2024

## ACHIEVEMENTS

Java (Gold level) – Achieved 5 star in Hacker Rank in Java Programming  
Problem Solving – Achieved 3 star in Hacker Rank in Problem Solving  
Achieved Silver Badge on Code chef Platform

## EDUCATION

- Lovely Professional University** Jalandhar, India
  - Bachelor of Technology - Computer Science and Engineering; **CGPA:7.08** Aug 2022 - present
- Niveditha Junior College** Kothakota, Telangana
  - Intermediate; **Percentage: 73.5%** Jun 2020 - Mar 2022
- Shiva Shivani High School** Shantinagar, Telangana
  - Secondary Education; **Percentage: CGPA:9.7** Jun 2019 - Mar 2020