

# NANDINI KORLAKANTI

Guntur, Andhra Pradesh Pincode: 522003

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## Education

**Vasireddy Venkatadri Institute Of Technology**

*Bachelor of Technology in Computer Science CGPA-8.68*

**2021– May 2025**

*Guntur, Andhra Pradesh*

## Technical Skills

**Programming Languages:** Python, Java

**Backend Development:** Flask (for integrating projects)

**Core CS Concepts:** Data Structures and Algorithms, Computer Networks, Operating Systems

**Machine Learning & AI:** Machine Learning (Supervised Unsupervised), Deep Learning, Natural Language Processing

**Databases:** MySQL

**Soft Skills:** Problem Solving, Team Collaboration, Strong Communication

## Projects

**Wisechoice** | *Selenium, NLTK, Torch, Pandas, SQL*

**November 2023 - April 2024**

- Developed WiseChoice, an AI-powered system that helps e-commerce shoppers overcome 'Analysis Paralysis' by analyzing over 10,000 product reviews and pricing data using advanced Machine Learning and Natural Language Processing techniques, offering clear insights into product quality and price fairness, and improving decision-making efficiency by 30%
- Implemented two step filtering via Voting Classifier Ensemble Model with 86% Accuracy to filter out fake, computer-generated reviews and utilized anomaly detection algorithms (Hybrid of Isolation forest and IQR) to detect paid reviews for authentic product assessments.
- Engineered a Goodness Score (0-100) by utilizing RoBERTa's sentiment polarity scores, with strong positive reviews boosting and strong negative reviews reducing the score, providing an accurate reflection of product quality and sentiment strength.

**Credit Risk Modelling** | *Pandas, Scikit-Learn, Scipy, Optuna, MLFlow*

**May 2024 - June 2024**

- Preprocessed large-scale Bank of Baroda and CIBIL datasets (over 50,000 records), effectively handling missing values with tailored domain-specific imputation techniques. Merged datasets using an inner join to create a unified dataset for accurate financial analysis, ensuring data integrity and reducing processing errors by 20%.
- Processed user inputted information in the back-end of the app to return a subtotal price based on the tickets selected.
- Utilized feature selection techniques including Chi-square test, ANOVA and Variance Inflation Factor (VIF) improving the Accuracy by 15%.

## Achievements

- \* Solved **150+ problems** on Leetcode, mastering a wide range of data structures and algorithms.
- \* Achieved a CGPA of **8.68** in B.Tech, demonstrating strong academic skills and consistent performance.
- \* Conducted workshops and coding events on topics like Python programming and machine learning, fostering a community of learners and enthusiasts.
- \* Achieved Multi-Talented Award when I was studying in school

## Certifications

- \* Programming in Java By IIT Kharagpur
- \* Salesforce Developer
- \* Project Manager by Google
- \* Google Cloud engineer

## Interests

- **Coding:** Practice coding on platforms like Leetcode and Hackerrank. Also conducted workshops and technical events related to coding.
- **Dancing:** Enjoy dancing as a way to relax and have fun
- **Traveling:** Love exploring new places and experiencing different cultures