

HARSHITHA NATTAVA

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[Linkedin](#) | [GitHub](#)

EDUCATION

PACE Intitution of Technology and Sciences

Artificial Intelligence and Data Science (AI & DS) - Bachelor of Technology (B.Tech)

CGPA: 8.02

Vallur, AP

2021 - 2025

Narayana Junior College

MPC - Intermediate

Percentage: 92%

Ongole

2019 - 2021

BR High School

SSC - Class X

CGPA: 9.8

Ongole

2018 - 2019

EXPERIENCE

42Learn | Internship

Bengaluru, India | May 2024 - June 2024

- Created a Java application with Swing and MySQL for managing bank accounts, supporting operations such as account creation, deposits, withdrawals, balance viewing, transfers, and transaction history checks.
- Implemented features like balance alerts to enhance usability, ensuring a straightforward experience for users managing their accounts.

CodeTantra | Internship

Hyderabad, India | June 2023 - July 2023

- After comprehensive EDA, we addressed missing taxi price data and visualized price variations across different cab types and weather conditions.
- Converted categorical variables, filled NaNs in prices with the median, applied RFE to select top 25 features, dropped less important ones, and chose Random Forest for its overfitting resilience, achieving over 96% accuracy in training for price prediction.

SKILLS

Programming Languages: C, Python, Java, Oops, HTML, CSS, JavaScript

Tools / Platforms: VS Code, Jupyter Notebook, Eclipse, MS Office

Databases: JDBC, MySQL

PROJECTS / OPEN-SOURCE

Bank Management System

Java, MySQL

Developed a Java application using Swing and MySQL, enabling users to manage bank accounts with features such as account creation, depositing, withdrawing, balance viewing, inter-account transfers, transaction history checking, and balance alerts setup. This user-friendly Bank Management System simplifies bank account management for all users.

Uber Data Analysis

Python

We analyzed Uber's tabular data using numpy, pandas, and matplotlib to uncover correlations and insights crucial for optimizing business strategy. Key factors studied included date, month, and weather conditions to enhance service offerings and operational efficiency.

Expanding Photo Gallery

HTML, CSS, JavaScript

The Expandable Image Gallery project showcases a sleek HTML and CSS implementation for an interactive image gallery with hover-expand functionality, combining aesthetics with user-friendly design for seamless image viewing.

CERTIFICATIONS

- Java Programming - edX, CodeTantra, Spoken Tutorial.
- Data Science - edX.
- AI Primer - Infosys Springboard.
- SQL - LinkedIn.
- Python Programming - Cisco, Infosys Springboard,.
- C Programming - CodeTantra.
- Web Development - BoltIot, Infosys Springboard.

HONORS & AWARDS

- Presented a paper at National Seminar
- Participated in Google Android Developer Workshop
- Presented an idea at Design Thinking for Innovation Workshop
- Successfully completed Abacus Level - 6