

## DEEPIKA DODDAPANENI

---

### EXPERIENCE SUMMARY

---

**Experience Level:** 8 Months

**Now:** Mirafra Software Technologies Pvt Ltd. DEC 2024 – Present

**Past:**

- Aditi Digital Solutions MAY 2024 – NOV 2024

**Education:**

- BTECH Computer Science (AI&ML), PRIW 2024

**Technical Skills:**

- Programming Languages: C, Embedded C, Python.
- Databases: MySQL Workbench
- Operating System: Windows
- Version Control: GIT, GitHub
- Tools: Pandas, Numpy, Matplotlib, SQL

### PROJECT EXPERIENCE

**Company Name** – Aditi Digital Solutions, Hyderabad

**Project** : Loan Prediction using Machine Learning Technique

**Role:** Graduate Engineer Trainee

**Description:**

- Developed a logistic regression model to predict the likelihood of loan approval based on various applicant features such as credit score, income, employment history, etc.
- Cleaned the dataset by handling missing values using Pandas, ensuring the data was suitable for analysis and modeling.
- Trained the logistic regression model on a labeled training dataset, learning the relationship between applicant features and loan approval status.
- Assessed the model's performance using accuracy score (82%) and other relevant metrics, such as precision, recall, and F1 score, to ensure reliable predictions.

### PERSONAL PROJECTS

#### • Study on Airlines Customer Satisfaction Based on Structural Equation Model:

The main objective of the project is developing a Structured Equation Advanced Model achieving 93% accuracy rate based on customer satisfaction. By using different machine learning models, we calculated the accuracy rate and then compared those values and pick the best model to get the best accuracy rate.

- **Heart Disease Prediction using Hybrid Machine Learning Technique:**

Developed a hybrid machine learning model to predict heart disease. Orchestrated the development of a Navie bias model to predict heart disease, achieving an impressive accuracy rate.