

EEDARADA MANOHAR

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

Objective

Quick learner & highly energetic having a keen aptitude for learning and productively applying new knowledge resourcefully. To reinforce my career as a working professional where I will be a valuable team member and work for an organization that provides scope for individual as well as organization growth.

Education

St. MARTINS ENGINEERING COLLEGE, India	2020 - 2024
• MECHANICAL ENGINEERING (B.Tech), CGPA: 7.23/10	
SIVA SIVANI JUNIOR COLLEGE, India	2018 – 2020
• TSBIE (Class XII), Aggregate: 923/1000	
SIVA SIVANI SPS HIGH SCHOOL, India	2017 - 2018
• TBSE (Class X), CGPA: 8.7/10	

Technical Skills

- **Programming Languages :** Python, HTML/CSS, JavaScript, SQL
- **Databases :** MySQL
- **Developer Tools:** VScode, JupyterNotebook
- **Libraries & Frameworks:** Django, Numpy, Pandas
- **Others :** PowerBI, Microsoft Excel

Projects

Blinkit Case Study – Power BI Dashboard :

Developed an interactive dashboard to visualize Blinkit's sales performance and product fat content. Focused on intuitive design and actionable insights. Implemented dynamic filters and KPIs to enable real-time decision-making across product categories.

Skills Used: Power BI, DAX, Data Cleaning, Dashboard Design

Spotify SQL Analysis & Optimization:

This project involves analyzing a Spotify dataset with various attributes about tracks, albums, and artists using **SQL**. It covers an end-to-end process of normalizing a denormalized dataset, performing SQL queries of varying complexity (easy, medium, and advanced), and optimizing query performance. The primary goals of the project are to practice advanced SQL skills and generate valuable insights from the dataset.

Skills Used: SQL, Database Normalization, Query Optimization

Ripped Fruit Plucking Robot :

Design and development of ripped fruit plucking robot by integrating a vision system with machine learning algorithms for ripeness detection, the robotic arm for precise movement, and a sensor-equipped gripper for delicate handling. This project involved coordinating various subsystems to ensure accurate, efficient, and adaptive fruit harvesting, improving agricultural productivity and sustainability.

Skills Used: Machine Learning, Computer Vision, Catia.

Diwali Sales Analysis using Python:

Analyzed retail sales data to uncover customer buying patterns during Diwali. Used Python (Pandas, Matplotlib) for data cleaning, visualization, and insights on customer segments, product trends, and city-wise performance.

Skills Used: Python, Pandas, Matplotlib,

Portfolio Website:

Built a responsive personal website to showcase resume, projects, and contact info.

Skills Used: HTML, CSS, JavaScript, GitHub Pages.

Certifications

- Python Certificate from udemy.
- Data Analysis certificate from GrowAI.
- HTML Certificate from udemy.
- Microsoft Powerbi certificate from GrowAI.
- Microsoft Excel certificate from GrowAI

Declaration

I hereby declare that the above particulars of facts and information stated are true and correct to the best of my belief and knowledge.