

LAVANYA RAI

+91 9315974238 ◇ lavanyarai09@gmail.com

◇ linkedin.com/in/lavanya-rai-8b6109249/ ◇ github.com/Lavanyarai

EDUCATION

Bachelor of Computer Science , Vellore Institute of Technology, Bhopal	9.03 (CGPA)	2021 - 2025
---	-------------	-------------

SKILLS

Technical Skills	Python, SQL, Express.js, ReactJS, Flask.
Relevant Courses	Data Structures & Algorithms, DBMS, Business Analytics.
Tools	Tableau, Looker Studio, Power BI, Microsoft Excel, QlikView.
Certifications	Accenture North America Data Analytics and Visualization (July 2024)

EXPERIENCE

Smartinternz	Aug 2023 - Nov 2023
---------------------	---------------------

Data Analytics Internship

- Developed an interactive investment dashboard using Tableau. enhancing financial reporting efficiency.
- Collaborated with a team of 5 members, leveraging financial data visualization to optimize business strategy.
- Utilized Bootstrap for UI/UX design and Flask for web application development to deliver a polished platform for market insights.

PROJECTS

Aurora Bank Insights - Financial Dashboard

[Project Link](#)

- Developed an financial analytics dashboard using Power BI and SQL, enhancing customer segmentation and risk analysis.
- Analyzed transaction and risk trends, identifying fraudulent activities and enhancing credit risk assessment.
- Designed an interactive dashboard that provided actionable insights, financial decision-making efficiency..

Crop Recommendation- CROPhecy

[Project Link](#)

- Collaborated with a team of 10 members, including a dedicated researcher for crop data, to solve the problem of new farmers deciding what crop to plant.
- Devised a machine learning-based crop recommendation system with 93 percent accuracy by scrutinizing environmental factors including precipitation, soil nutrient composition, etc.
- Integrated multilingual functionality to broaden user accessibility and successfully integrated the ML model into a web application for user-friendly interaction.

Culinary Cuisine

[Project Link](#)

- Collaborated on the project engineer a Multinomial Naive Bayes model achieving 90% accuracy in recipe suggestion on a dataset of around 500+ recipes from 20 countries.
- Incorporated model into web application using Flask and Python.
- Integrated natural language processing techniques to enhance recipe search functionality, reducing grocery trips by 40% and enhancing user convenience.

EXTRACURRICULARS

-
- Participated in Onyx Data DataDNA Challenge, showcasing advanced data analysis and visualization skills.
 - Participated in Culture Craft Hackathon organized by Android Club.
 - Designed and distributed posters for HID club of NIET College, Noida, attracting 20 percent more attendees to events and increasing club membership.
 - **Hobbies** - Cooking, Dancing and Minesweeper
 - **Languages** - English and Hindi.