Aditya Vaishnav

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Education

B.Tech in Computer Science and Engineering 2023-2027
Sandip University *Nashik*

Skills

Programming Languages: Python, C/C++, SQL
Data Structure & Algorithms: Problem Solving, Arrays, Linked List, Stack, Queue, Recursion, Sorting, Searching, Time & Space Complexity
Machine Learning : Supervised Learning, Regression, Classification, Model Evaluation, Train-Test Split
Data Analysis & Visualization : NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn
Backend & Deployment : Flask, Streamlit
Tools & Platforms : Git, GitHub, VS Code, PyCharm, Anaconda

Work Experience

Cognifyz Dec 2025 – Jan 2026
Machine Learning Engineer *Nashik*

- Developed a restaurant rating prediction model using regression techniques that achieving 82% prediction accuracy on 2,000+ records.
- Built a cuisine classification system using supervised machine learning algorithms.
- Performed location-based data analysis to improve prediction performance.
- Visualized insights using Seaborn and deployed results using Streamlit.

Civora Nexus Pvt. Ltd. Dec 2025 – Jan 2026
AI/ML Engineering Intern *Nashik*

- Developed a crop disease classification model achieving 85% accuracy.
- Performed data preprocessing and visualization using Pandas and Matplotlib.
- Implemented classification algorithms using Scikit-learn.
- Built a simple Streamlit interface to display predictions.

Projects

CropGuard AI – Disease Detection System *Python, Pandas, NumPy, Seaborn, Streamlit*

- Developed a machine learning model to classify crop diseases using image-based dataset achieving 85% accuracy.
- Performed data preprocessing and visualization using Pandas and Matplotlib.
- Evaluated model performance using train-test split and accuracy metrics.

Restaurant Recommendation & Rating Prediction System *Python, NumPy, Pandas, Scikit-learn*

- Built a regression model to predict restaurant ratings achieving 82% prediction accuracy.
- Conducted Exploratory Data Analysis (EDA) and handled missing data.
- Applied regression algorithms and evaluated performance using error metrics.
- Visualized insights using Seaborn and Matplotlib.

Certifications

- Data Science Course – CodeWithHarry (2025)
- Participant– Smart India Hackathon
- Machine Learning Internship Certification – Cognifyz(2025)