

# Yashowardhan Magdum

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🐙 GitHub

## PROFESSIONAL SUMMARY

Self-motivated and enthusiastic Data Science student with hands-on experience in customer segmentation and phishing detection projects. Seeking to leverage machine learning skills and domain knowledge to contribute to real-world data-driven solutions.


## Education

<b>Walchand Institute of Technology, Solapur</b>  <i>B.Tech Information Technology</i> CGPA: 8.60	2022 – Present Solapur
<b>Chhatrapati Shahu Vidyalaya</b>  <i>Senior Secondary (XII)</i> Percentage : 71.20%	2021 – 2022 Kolhapur
<b>Shrimant Maisaheb Bavdekar School</b>  <i>Secondary (X)</i> Percentage : 80%	2019 – 2020 Kolhapur

## Technical Skills

<b>Programming Language</b> Python, C++, HTML, CSS	<b>Libraries &amp; Tools</b> Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Flask
<b>Machine Learning</b> Classification, Clustering, Regression, Model Evaluation	<b>Tools</b> Git/GitHub, Jupyter Notebook, Google Colab, VS Code

## Professional Experience

<b>Data Engineer Intern</b>  <i>Data Analysis</i> • Performed data cleaning and transformation using Pandas and SQL on large datasets. • Built visual dashboards in Power BI to track KPIs for internal reporting.	02/2025 – 04/2025
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## Projects

### Customer Categorization Using Machine Learning

**Tech Stack:** Python, Scikit-learn, Pandas, Seaborn, KMeans, Hierarchical Clustering

- Performed **customer segmentation** using clustering techniques on retail data.
- Applied **feature engineering** and PCA for dimensionality reduction.
- Visualized cluster insights to identify high-value customer groups.
- **Outcome:** Enabled targeted marketing strategy by profiling customer types.

### Credit Card Fraud Detection

**Tech Stack:** Python, Scikit-learn, Random Forest, Flask

- Built a supervised machine learning model to detect fraudulent credit card transactions using a real-world, imbalanced dataset.
- Performed data preprocessing including feature scaling and class balancing using techniques like undersampling and SMOTE.
- Trained and compared models such as Random Forest, Logistic Regression, and SVM, selecting the best based on F1-score and ROC-AUC.

## Organisations

### ISTE (Indian Society for Technical Education)

*Coding Coordinator*

- Conducted **MCQ-based technical tests**, coding contests, and machine learning workshops.
- Promoted student participation in tech quizzes, logical reasoning, and programming challenges.

### Witchar (College Technical Event)

*Event Coordinator*

- Organized and managed the **Project Competition**, a key event during the annual college tech fest.
- Coordinated logistics, registration, judging panel, and student participation.

### College Literary Cell

*Hindi Magazine Coordinator*

- Helped curate and edit magazine content while managing editorial deadlines.

## Certificates

- Python , Java - Infosys Springboard Certified
- Power BI for Business Intelligence – Certified by [WIT]
- Data Processing , Data Visualization, SQL – Workshop