

Devansi Mahatar

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EDUCATION

VIT Bhopal University

BTech (Computer Science and Engineering; Specialization in E-Commerce Technology)

Cumulative GPA: 8.64/10

Expected May 2026

12th Standard - DAV Public School, Pokhariput (June 2022)

CBSE Percentage: 82%

10th Standard - Blossoms School, Bhubaneshwar (April 2020)

CBSE Percentage: 97.2%

WORK EXPERIENCE

Data Science Intern | Sabudh Foundation

Jan 2025 - Present

-Completed 30+ hours of hands-on Python programming training, mastering both core and advanced concepts.

-Collaborating on real-world machine learning projects with a focus on data collection, exploratory analysis, and impactful visualizations - demonstrating analytical thinking and precision.

-Gaining practical experience in NLP and Recommender Systems, involving end-to-end workflows like data preprocessing, feature engineering, and implementation of recommendation algorithms.

PROJECTS

1. Gesture Transcript Recognition System

Feb 2024 - May 2024

-Built a sign language-to-sentence translation tool using CNNs, improving accessibility for 250+ users.

-Boosted model performance by 40% via RNN integration and tuning.

-Led dataset preparation, model optimization, and evaluation for end-to-end system delivery.

2. Book Pilot

Aug 2023 – Nov 2023

-Developed and integrated a book recommendation system using collaborative and content-based filtering into a Flask-based web application, helping students discover 700+ titles through personalized suggestions.

-Boosted user satisfaction by 20% using Python & scikit-learn for personalized recommendations.

-Increased user engagement by 30% through RESTful API-based frontend-backend interactions.

ACHIEVEMENTS

1. Selected for the second round of the **TATA Imagination Challenge 2024 - Student Track** (Nov 2024)

2. Advanced to the 3rd round of **Arthneeti 4.0** held by IIM Nagpur (Nov 2024)

3. Winner of **Folk It Up: Folk Art Painting** held by IIT Ropar (Oct 2024)

4. Selected for the interview stage of the **Google STEP internship 2024**

EXTRACURRICULAR ACTIVITIES

1. Meraki-The Fine Arts Club (Decor Team Lead)

July 2024 - Present

-Led the Decor Team, collaborating with 10+ members to creatively transform event spaces using engaging designs and color theory principles - demonstrating strong leadership, communication, and teamwork skills..

-Organized 7+ successful events, enhancing the club's artistic presence.

2. E-Commerce Club (Creative Team Co-Lead)

Dec 2023- Present

-Designed 10+ event posters that boosted the club's online engagement and visibility.

-Took initiative in organizing workshops and competitions such as Web Development for E-Commerce, E-Com Pitch, and E-Comthon, showcasing event planning, public speaking, and multitasking abilities.

TECHNICAL SKILLS

Languages C++, Python(Data Science), SQL, HTML, CSS

Frameworks Pandas, Numpy, Scikit-Learn, Matplotlib, React.js

Techniques Classification, Machine Learning, Predictive and content analysis

Tools Power BI, Excel, Tableau, Git, Github

Platforms PyCharm, Jupyter Notebook, Visual Studio Code

CERTIFICATIONS & LANGUAGES

Languages: Fluent in Hindi, English, Odia; Conversational Proficiency in Tamil, Italian: Beginner Level

Certifications: ML Practitioner Certificate ([Dataiku](#)) - March 2025

Advanced Designer Certificate ([Dataiku](#)) - March 2025

Core Designer Certificate ([Dataiku](#)) - March 2025

Modeling and Analytics for Supply Chain Management ([NPTEL](#)) - Elite Certificate - April 2024,

Google Foundations of Digital Marketing and E-commerce ([Coursera](#)) Dec 2023