

# Harshita Jangde

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## EDUCATION

<b>Bachelor of Technology</b> in Computer Science and Engineering VIT Bhopal University, Bhopal, Madhya Pradesh	(September, 2022 - June, 2026) Cumulative GPA: 8.85/10
<b>CBSE 12<sup>th</sup> Standard</b> Delhi Public School, Bhopal, Madhya Pradesh	(April, 2020 - July, 2021) Cumulative Percentage: 85.83%
<b>CBSE 10<sup>th</sup> Standard</b> Delhi Public School, Bhopal, Madhya Pradesh	(April, 2018 - May, 2019) Cumulative Percentage: 89.83%

## TECHNICAL SKILLS

**Programming Languages:** Python, Java, JavaScript, HTML5, CSS3

**Databases:** PostgreSQL

**Tools & Version Control:** Git, GitHub

## INTERNSHIP

<b>Data Analyst Intern (PreProd Corp. Pvt. Ltd.)</b>	(September, 2024 – December, 2024)
<ul style="list-style-type: none"><li>Engineered and deployed 5+ ML models, including anomaly detection and sentiment analysis.</li><li>Implemented robust ML workflows across diverse domains processing datasets of 75,000+ records.</li><li>Led Agile project execution across 10 sprints ensuring timely delivery and data security compliance.</li></ul>	

## PROJECTS

<b>Project Nova – Intelligent Scoring Platform</b>   <i>Python, Streamlit, PostgreSQL</i>	(September, 2025)
<ul style="list-style-type: none"><li>Led the end-to-end design and implementation of an ML pipeline leveraging PostgreSQL, K-Means clustering, and XGBoost on 3,000 records with 14 features, achieving an <math>R^2</math> score of 0.87.</li><li>Engineered an interactive Streamlit application for real-time partner scoring with SHAP-based explainability to highlight feature contributions, enhancing model interpretability and transparency.</li><li>Directed the execution of fairness and bias evaluation on clustered data using statistical metrics, embedding ethical AI practices, ensuring predictive model operates ethically and reliably.</li></ul>	
<b>SakhiSangam - Platform for Rural Women</b>   <i>Python, TensorFlow</i>	(January, 2025 – May, 2025)
<ul style="list-style-type: none"><li>Supervised an AI-driven platform using TensorFlow, providing customized financial coaching and real-time mentorship to empower rural women in making informed investment decisions.</li><li>Built a responsive front-end using React.js, supporting 3+ languages for seamless UX.</li></ul>	
<b>Breast Cancer Detection</b>   <i>Python, TensorFlow, Keras</i>	(January, 2024 – February, 2024)
<ul style="list-style-type: none"><li>Spearheaded a breast cancer detection project analyzing the dataset of 569 Samples and 32 Features.</li><li>Applied Sine-Cosine Algorithm and Flower Pollination Algorithm, for robust feature selection.</li><li>Elevated model interpretability and delivered an impressive 98.245% classification accuracy.</li></ul>	

## ACHIEVEMENTS

- Attained Finalist position in Walmart SparkPlug 2025, excelling among 1,520 qualified competitors.
- Qualified Round 1 in DRDO Dare to Dream 5.0 with Brain Computer Interface project.
- Earned a Finalist position in CodeHer 2025, a national-level women-focused coding competition.
- Advanced to Pre-Finalist in GrabHack Campus Edition 2025, competing among 4,539 participants.
- Got recognized as Top 6 Team in Buildathon 2024, out of 30+ teams, with an AutoML solution.
- Participated in GSSoC'24 (GirlScript Summer of Code), by contributing to multiple projects.

## EXTRACURRICULAR

<b>Sub-Coordinator (Software Development Club)</b>	(December, 2023 – January, 2025)
<ol style="list-style-type: none"><li>Organized Web-Vibe'23, a hackathon and workshop for 200+ participants, featuring Sheriyan Coding School for interactive front-end web development sessions and collaborative learning.</li><li>Collaborated with Google Crowdsourcing Community to organize an event at Advitya'24 College Fest emphasizing the importance of AI through technical quizzes and engaging games for participants.</li></ol>	