Harshita Jangde

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EDUCATION

Bachelor of Technology in Computer Science and Engineering (September, 2022 - June, 2026)
VIT Bhopal University, Bhopal, Madhya Pradesh — Cumulative GPA: 8.89/10

CBSE 12th Standard (April, 2020 - July, 2021)
Delhi Public School, Bhopal, Madhya Pradesh — Cumulative Percentage: 85.83%

CBSE 10th Standard (April, 2018 - May, 2019)
Delhi Public School, Bhopal, Madhya Pradesh — Cumulative Percentage: 89.83%

TECHNICAL SKILLS

Programming Languages: Python, Java, JavaScript, HTML5, CSS3
Databases: PostgreSQL
Tools & Version Control: Git, GitHub

INTERNSHIP

Data Analyst Intern (PreProd Corp. Pvt. Ltd.) (September, 2024 – December, 2024)
- Engineered and deployed 5+ ML models, including anomaly detection and sentiment analysis.
- Implemented robust ML workflows across diverse domains processing datasets of 75,000+ records.
- Led Agile project execution across 10 sprints ensuring timely delivery and data security compliance.

PROJECTS

Project Nova – Intelligent Scoring Platform | *Python, Streamlit, PostgreSQL* (September, 2025)
- 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 R^2 score of 0.87.
- Engineered an interactive Streamlit application for real-time partner scoring with SHAP-based explainability to highlight feature contributions, enhancing model interpretability and transparency.
- 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.

SakhiSangam - Platform for Rural Women | *React.js, Node.js, TensorFlow* (January, 2025 – May, 2025)
- Supervised an AI-driven platform using TensorFlow, providing customized financial coaching and real-time mentorship to empower rural women in making informed investment decisions.
- Built a responsive front-end using React.js and Redux, supporting 3+ languages for seamless UX.

Breast Cancer Detection | *Python, TensorFlow, Keras* (January, 2024 – February, 2024)
- Spearheaded a breast cancer detection project analyzing the dataset of 569 Samples and 32 Features.
- Applied Sine-Cosine Algorithm and Flower Pollination Algorithm, for robust feature selection.
- Elevated model interpretability and delivered an impressive 98.245% classification accuracy.

ACHIEVEMENTS

- Attained Finalist position in Walmart SparkPlug 2025, excelling among 1,520 qualified competitors.
- Earned a Finalist position in CodeHer 2025, a national-level women-focused coding competition.
- Qualified Round 1 of TCS CodeVita 12.0 and EY Techathon 5.0, competing at national level.
- 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

Sub-Coordinator (Software Development Club) (December, 2023 – January, 2025)
1. 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.
2. Collaborated with Google Crowdsource Community to organize an event at Advitya'24 College Fest emphasizing the importance of AI through technical quizzes and engaging games for participants.