SHREYANSH SHAKYA

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Education

VIT Bhopal   **Sep. 2023 – Expected Graduation: 2027**
Bachelor of Science in Computer Science   *Madhya Pradesh*

Experience

CodingJr   **April 2025 – July 2025**
AI Research Intern

- Generated key insights by researching 50+ potential clients, collaborating directly with the product team to define data-driven requirements and guide the development lifecycle.
- Developed **10+ technical presentations** for client pitches, contributing to a **15% increase in client engagement**.
- Translated analysis of 5 major competitors and client feedback into a logical story that informed product strategy, leading to the prioritization of 3 new core features.

Projects

Speech Emotion Detection — *Python, TensorFlow, CNN-BiLSTM*   **March 2025**

- Developed a lightweight CNN-based model achieving **72% classification accuracy**.
- Trained the Speech Emotion Recognition (SER) model on **over 5,000 audio samples** from the RAVDESS and TESS datasets.
- Authored an **4-page research paper** selected for the International Conference on Data, Energy and Communication Networks (DECoN), a conference with an estimated **30% acceptance rate**.

Student Performance Predictor — *Python, Scikit-Learn, Pandas, NumPy*   **April 2024**

- Developed a predictive model to estimate student performance, achieving a **Root Mean Squared Error (RMSE) of 0.85** on the test set.
- Generated critical insights and developed hypotheses through comprehensive EDA on a dataset with 1,000+ samples; created a logical story to identify key performance indicators.
- Identified Random Forest as the best-performing model, outperforming Linear Regression by **a 15% lower Mean Squared Error (MSE)**.

Technical Skills

Core Data Analysis: Python(NumPy, Pandas), SQL, Scikit-Learn

Data Visualization: Matplotlib, Seaborn

Programming Languages: Python

Developer Tools: VS Code, Git/GitHub, Jupyter Notebook

Leadership / Extracurricular

IEEE CSNT Conference 2025   **February 2025**
VIT Bhopal

- Assisted in logistical planning and execution for a conference with **over 300 attendees** and **20+ technical sessions**.
- Anchored a **90-minute technical session**, facilitating Q&A for an audience of **researchers and students**.

Cooking and Feasting Club   **March 2025**
VIT Bhopal

- Led a team of **15 students** to organize *Rustle Up Pristine*, the annual cultural festival, increasing attendance by **200%**.
- Implemented teamwork strategies and a new feedback system that improved member retention by **90%** over.