

# Aradhana Mote

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## Technologies

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**Languages:** Python(Streamlit, Transformers, Flask, PyTorch), C++, CUDA C++, MySQL

**Technologies:** AWS QuickSight, Microsoft SQL Server, PowerBI, Tableau

**Skills/Concept:** Git, DSA, NLP, Data Analytics, ML, Business Analytics

**Coursework:** DBMS, Computer Networks, OOPs, Operating Systems

## Education

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**VIT Bhopal University** *B-Tech in Computer Science and Engineering* Oct 2022 - June 2026

- GPA: 8.87/10

**Sri Chaitanya Educational Institute** June 2020 - Apr 2022

- Percentage: 86.17%

**Seventh-Day Adventist Higher Sec. School** 2007 - May 2020

- Percentage: 94%

## Projects

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**Email Formaliser Using Transformers** [Link To Repo ↗](#)

- Built Email Formalizer with T5 transformer, converting informal text to professional emails, boosting efficiency.
- Used Python, Transformers, Streamlit for web interface, handling 100+ inputs with 95% satisfaction.
- Launched Streamlit demo for real-time text formalization across industries.

**Fake News and Scam Detection System** [Link To Repo ↗](#)

- Developed an NLP-based fake news and scam detection model using BERT, achieving **94% classification accuracy**.
- Deployed end-to-end ML pipeline enabling **real-time scam and news classification**.

**Law Desk** [Link To Repo ↗](#)

- Developed AI-powered ALIS chatbot for LawDesk, delivering real-time legal consultations to 500+ users.
- Engineered LawDesk interface using React, Vite, NumPy, Pandas, and Transformers, optimizing 80% of data processing.
- Integrated LawDesk with community service, handling 1,000+ monthly legal queries.

## Experience

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**Data Analytics Intern** Remote  
June 2025  
*Deloitte*

- Analyzed equality scores in Excel for 37 roles across 4 factories, identifying a -11 average and 49% unfair/highly discriminative classifications.
- Developed Tableau dashboard to visualize data insights, supporting forensic tech and strategic decisions.

**Artificial Intelligence Intern**, Green Technologies Remote  
Feb 2025 - March 2025  
*AICTE*

- Analyzed Indian agricultural dataset (73,000+ entries, 30+ states, 2005-2023) using Power BI, identifying rice as top crop with 135M tonnes production.
- Visualized crop yield trends across 219M hectares, enabling data-driven decisions.

## Position of Responsibility

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**Event Co-Lead, Freelancing Club, VIT Bhopal** Feb 2024

- Orchestrated events to boost freelancing engagement, increasing student participation by 75%.
- Organized skill-building sessions, mentoring 250+ students in freelancing over 18 months.