TUSHA RAHUL BELLAMKONDA

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EDUCATION

SWARNANDHRA COLLEGE OF
ENGINEERING AND TECHNOLOGY
**ARTIFICIAL INTELLIGENCE AND
MACHINE LEARNING**
8.4 GPA
2021 - 2025

FMHS SCHOOL, NARSAPUR
Intermediae
83%
2019 - 2021

FMHS SCHOOL, NARSAPUR
10th
2019

SKILLS

Languages: Python, C, Java,
JavaScript, SQL.

ML/AI & Data Science: NLP,
Transformer Models, Power BI,
LangChain, and Google Colab.

Web Dev: HTML/CSS,
JavaScript, Streamlit, Flask

Tools: VS Code, Git, Microsoft
Office, ChatGPT, Gemini

Soft Skills: Teamwork,
Communication, Listening.

CERTIFICATIONS

- Data Science Internship
- Python Programming
  Essentials
- Artificial Intelligence
  and Machine Learning
- IIT Madras, PALS Cyber
  Security Competition

ABOUT ME

AI & ML engineering graduate with practical experience in Python, NLP, and end-to-end data science workflows and skilled in frontend development. Built intelligent solutions, including chatbots, analytics dashboards, and educational tools used by 1,000+ users. Skilled in extracting insights from data, building predictive models, and delivering value through automation and data-driven decision-making.

WORK EXPERIENCE

TIGER ANALYTICS (REMOTE, MAY–JULY 2025)
DATA SCIENCE INTERN

- Cleaned & analyzed 20K+ row datasets with Pandas/NumPy, reducing data prep time 40%.
- Built regression models (85% accuracy) for churn prediction.
- Delivered EDA and 3+ dashboards (Seaborn/Matplotlib).

SWARNANDHRA COLLEGE (JAN–MAR 2025)
DSA EDUCATION PORTAL INTERN

- Created 12+ DSA visualizations with React + D3.js
- Processed 25+ real datasets for hands-on concept demos
- Enabled Jupyter integration for 300+ students
- link to the website: **https://www.swarnandhra.ac.in/dsv/**

TECHNICAL PROJECTS

TALKING PARROT AI CHATBOT (LANGCHAIN, FLASK, NLP)

- Transformers chatbot trained on 120+ page PDFs of SWRN college , placed on the college website. Using Mistral 7B model
- post link: **https://shorturl.at/MwJLo**

DOCUMENT TRANSLATION WEB APP

- Streamlit application that translates documents into various languages with a user-friendly interface
- **https://fluentranslate-by-beyond-infinity-coders.streamlit.app/**

LAWBOT – AI LEGAL ASSISTANT

- Flask-based chatbot that answers Indian law queries using LangChain conversational legal guidance.
- more details: **https://tusharahul.netlify.app/img/image.png**

INTERACTIVE DATA SCIENCE PORTAL AND DATA STRUCTURE VISUALIZATIONS

- Learn the fundamentals of data science, its importance, real-world applications, and the roadmap to becoming a data scientist.
- link to webpage: **https://rahul6158.github.io/data_science_hub/**
- Interactive visualizations for various data structures like stack, queue, linked list, and more. As an intern at our HOD, sir.
- link to webpage: **https://rahul6158.github.io/DSV/**

OBJECT DETECTION (HAND FRACTURE DETECTION)

- Computer vision project implementing object detection algorithms for real-world applications.
- Post Link: **https://shorturl.at/7sOOz**