

# ANKIT M ZANZMERA

+91 9328814419 | [Gmail](#) | [LinkedIn](#) | [Github](#) | [Portfolio](#) | Bangalore, India

## TECHNICAL SKILLS

- Programming :: Python, R, C, C++
- ML Skills :: Data Wrangling, Data Mining, ANN, CNN, NLP
- Packages :: NumPy, Pandas, Scikit-learn, TensorFlow, Keras, PyTorch, NLTK, Gensim
- Database :: MySQL, MongoDB, Microsoft SQL Server
- Version Control :: Git, MLflow, DVC
- Data Analysis :: Tableau, Power BI, Matplotlib, Seaborn, Plotly
- Professional Tools :: Docker, VS Code, Jupyter Notebook, Google Colab, GitHub

## PROFESSIONAL EXPERIENCE

- Pravaig Dynamics Pvt. Ltd., - AI/ML Intern | Feb 2024 - Present Bangalore, Karnataka
- **Project - 1 :**  
**Title:** Auto-Annotation Tool for Image Annotation  
**Description :**
  - Developed a user-friendly auto-annotation tool using HTML/CSS frontend and **Flask backend**.
  - Integrated transformer-based models like **Grounding Dino** and **Segment Anything Model** for **Automated image labeling**.
  - Implemented a user prompt system for easy annotation, enabling download of annotated images and files, **reducing annotation time by 60%-80%**.
- **Project - 2 :**  
**Title:** Vehicle Tracking with Road Lane Detection  
**Description :**
  - Developed a vehicle tracking system utilizing **YOLO** for vehicle detection and **Hybridnets** for road lane detection.
  - Integrated both models to achieve real-time vehicle tracking and accurate road lane detection.
  - Implemented advanced algorithms for **object tracking** and lane detection, rigorously optimizing performance and reliability in diverse environmental conditions.

## CAREER OBJECTIVE

Looking for opportunities to utilize my skills and abilities in an organization that offers challenges and professional growth, while being resourceful and innovative.

## EDUCATIONAL BACKGROUND | CERTIFICATIONS

- 2024, **M.sc** Data Science and Analytics, Jain(Deemed-to-be) University
- 2022, **BCA**, SDJ International College Affiliated With (VNSGU)
- Data Science Masters :
  - Equipped with hands-on data science skills from **PW Skills**. Mastered Python, ML, DL, NLP and data visualization. Eager to drive data-driven decisions and impact.

## PERSONAL PROJECTS

- Diamond Price Prediction :: [Github Link](#)
- Brain Tumor Image Classification :: [Github Link](#)
- Sign Language Detection (yolov5) :: [Github Link](#)
- Biker helmet Detection :: [Github Link](#)
- ChatBot using Openai API deployed on Telegram :: [Github Link](#)
- Hate speech classification using LSTM :: [Github Link](#)
- Text Summarizer using pretrained Model :: [Github Link](#)