

# 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](#)