

# ANKIT M ZANZMERA

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## 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.

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## PROFESSIONAL EXPERIENCE

- [Pravaig Dynamics Pvt. Ltd.](#), - AI/ML Intern | Feb 2024 - Present Banglore, 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.
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## 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
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## 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.
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## 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](#)