

# ANKIT M ZANZMERA

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## PROFILE SUMMARY

Fresh MS in Analytics and Data Science graduate with practical experience working as an AI/ML intern. strong foundation in creating and executing AI solutions, with expertise in computer vision, deep learning, and machine learning. adept in using analytical abilities to support creative ventures and solve challenging issues. eager to advance knowledge and promote significant contributions in a fast-paced company.

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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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## WORK EXPERIENCE

**AI/ML Intern** | Pravaig Dynamics Pvt. Ltd., | 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.
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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](#)
- Text Summarizer using pretrained Model :: [Github Link](#)