

CHANDRA.D

Data Annotation & NLP Specialist

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SUMMARY

Data Annotation & NLP Specialist with over 6 years of experience delivering high-quality multilingual datasets for AI/ML models in speech recognition, emotion tagging, NLP, and ADAS systems. Proven expertise in text, audio, image and video annotation and NLP tasks including sentiment, intent and NER tagging.

Strong background in leading annotation teams, collaborating with ML engineers, and Proficient in SQL for dataset extraction, filtering, and validation, and Python for automation, text processing, and report generation. Strong expertise in speech/text annotation workflows, emotion tagging, and collaboration with ML teams to enhance model accuracy. Currently transitioning toward data science by strengthening skills in SQL, Python, Power BI and AI tools.

EXPERIENCE

Data Annotator (Quality Analyst)

CONVIN Feed Forward Technology

11/2022 – 07/2025

Bangalore

Convin automates customer interactions through AI voice agents that handle calls in real time with natural, multilingual conversation improving efficiency and customer experience without human support.

- Transcribed and annotated multilingual audio/video data (Kannada & English) using tools like Label Studio and Audacity, ensuring adherence to transcription and labeling guidelines.
- Performed text and audio annotation, including tagging speaker turns, background noise, music, emotions, and other acoustic events to support speech model training.
- Conducted speaker diarization and emotion tagging, accurately separating and labeling multi-speaker audio for real-world conversational AI use cases.
- Executed key NLP tasks such as text normalization, NER, sentiment analysis, intent detection, and POS tagging on multilingual datasets for NLP model.
- Applied SQL queries for extracting, filtering, and validating multilingual text/audio records from annotation dashboards to support QA checks.
- Utilized Python scripts to automate dataset downloads, file processing, and assignment in annotation tools (Label Studio), reducing manual work and ensuring faster turnaround.
- Managed the end-to-end annotation lifecycle—collecting, cleaning, validating, and auditing data—to meet machine learning quality standards.
- Collaborated closely with ML engineers and QA teams to resolve annotation challenges, improve model alignment, and deliver high-quality data on schedule.
- Utilized Visual Studio Code for JSON formatting and error correction, used AI Tools for grammar correction and data cleaning to improve text quality for model training.
- Created visual reports to track daily annotation productivity, QA performance, and project progress, enabling data-driven decision-making for the ML team.

KEY ACHIEVEMENTS

- Led a annotation team on ADAS projects, delivering 100% on time completion for 3 major client milestones

PROJECTS

NLP Projects at Convin.AI:

Text & Audio annotation, Audio segregation, speech recognition, Emotion tagging, Native language Kannada & English transcription, WER analysis, Speaker diarization.

TOOLS USED: Label Studio, Visual Studio Code, Notepad++, Google Sheets, MYSQL, ChatGPT, winamp, Google input tool online, audacity.

ADAS Projects at L&T Technology Services:

Lidar annotation (2D&3D), Radar data marking, Object detection, Blockage detection, Semantic segmentation, Image and Video annotation

TOOLS USED: Playment, DriveViz v0.1G, Drivescope, Canvas, YAM tool.

SKILLS

- ✓ Data annotation and labeling
- ✓ Natural language processing
- ✓ Python
- ✓ MYSQL
- ✓ Power BI
- ✓ AI Tools & Technologies
- ✓ Microsoft office
- ✓ Google Cloud Path (GCP)
- ✓ Multilingual speech data
- ✓ CAD drawing & solid edge
- ✓ Adobe Photoshop

Data Analyst

L&T Technology Services

08/2019 - 10/2022 Mysuru

Experienced in working on Advanced Driver Assistance Systems (ADAS) projects involving image & video annotation for autonomous driving technologies. Annotated and analyzed recorded video sequences to identify and label key objects including vehicles, pedestrians, traffic lights, road signs, lane markings, and free space using 2D and 3D bounding boxes.

- Managed end-to-end video & Image annotation workflows, ensuring high-quality labeled data for ML model training in automotive perception systems.
- Worked on multiple roles across projects including annotator, quality analyst, SQC, and group lead, adapting to dynamic client requirements.
- Led a team of 15 annotators, handled customer communications, delegated tasks, and ensured defect-free delivery of high-volume data under tight deadlines.
- Conducted QA reviews, resolved labeling errors, and applied advanced labeling techniques to maintain annotation accuracy and consistency.
- Collaborated with data scientists and ML engineers to ensure data readiness and model improvement alignment.
- Contributed to tool enhancement, created training materials, and provided knowledge transfer to new team members on annotation guidelines.
- Regularly prepared productivity and quality reports in Excel, managed targets, and reported progress to senior stakeholders.
- Efficiently processed large-scale datasets using labeling platforms while ensuring quality control and timely submissions.
- Created visual reports to track daily annotation productivity, QA performance, and project progress, enabling data-driven decision-making for the ML team.
- Built Power BI dashboards to monitor team productivity, project status, and quality scores for ADAS annotation projects.
- Integrated Python data processing scripts with Power BI using Excel/CSV outputs to automate dashboard updates and reporting workflows.

Apprentice and NEEM trainee

TVS Motor Company

06/2016 - 06/2018 Mysore

- Automobile manufacturer known for motorcycles and scooters
- Knowledge on quality checks (Electrical & zone inspection of vehicle)
- Color parts inspection and welding inspection of vehicle
- Assembled half cycle vehicles and performed rework
- Performed defect correction and defect logging.

SOFT SKILLS

- ✓ Data processing
- ✓ Team Leadership
- ✓ Client Coordination
- ✓ Quality Assurance
- ✓ Documentation & Reporting
- ✓ Dashboard creation

Libraries:

NumPy, Pandas, Matplotlib, SciPy, Flask API

EDUCATION

Bachelor of Engineering (Mechanical Engineering)

JC Engineering Evening College

09/2018 - 07/2021 Mysuru

INTERESTS

Hobbies

- Enjoys creative activities such as photo editing and engaging in online games.
- Watching movies and exploring different genres

Languages

Kannada	
Native	
English	
Proficient	
Tamil	
Intermediate	