

# Tanisha Giri

📍 Hyderabad ,India | [Email](#) | [LinkedIn](#) | [Github](#) | [Portfolio](#) | 8329587475

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## Work Experience

### **AIML Assistant Engineer — Vivaran creation | Present – 2025**

- Develop and deploy ML and DL models for classification, NLP, and object detection applications.
- Collaborate with cross-functional teams to convert business challenges into actionable AI-based solutions.

### **Data Science Intern — AI Variant (6 Months) | 2025**

- Built and optimized ML models for classification and clustering using Python, Scikit-learn, TensorFlow.
- Performed EDA, data preprocessing, and feature engineering on large datasets.
- Developed automated pipelines for model training and evaluation.

### **Programming Instructor — C & Python Training Institute,Latur | 2024**

- Guided students through building Python mini-projects and introductory machine learning tasks.
- Recognized for simplifying complex technical concepts and improving student performance.
- Trained 50+ students using structured modules, hands-on code labs, and real-time debugging sessions.

### **Web Developer Intern — Inlight Technologies, Latur | 2022**

- Developed responsive web interfaces using **HTML, CSS, JavaScript**.
- Assisted in backend integration and MySQL database operations.
- Improved UI performance and design consistency across web pages.

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## Projects

### **Real-Time Object Detection System (YOLO + OpenCV) | 2024**

- **Tech:** HTML, CSS, MySQL, Python, Deep Learning
- Built a real-time object detection pipeline using YOLO and OpenCV for live video analysis.
- Implemented bounding box extraction, frame processing, and high-speed inference techniques.

### **Clustering World Development Analysis | 2025**

- **Tech:** Python, Scikit-learn, PCA, K-Means.
- Performed unsupervised learning for socio-economic analysis across global datasets.
- Applied PCA for dimensionality reduction and interpreted cluster patterns for policy-level insights.

### **Telecommunication Churn Prediction (End-to-End ML System) | 2025**

- **Tech:** Python, Pandas, Sklearn, Streamlit, Data Visualization.
- Developed complete ML pipeline: preprocessing → model training → evaluation → deployment using Streamlit.
- Applied Logistic Regression, Random Forest, and Decision Trees for churn prediction and customer risk score.

### **Sentiment Analysis App| 2025**

- Built & deployed a full-stack AI web app to analyze sentiment in text using NLP & Machine learning Models.
- Developed a sentiment analysis web app,achieving 90%+ accuracy on IMDB review dataset using fine-tuned
- Designed an intuitive UI that supports both real-time input & file-based batch analysis

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## Education

### **Bachelor of Technology – Computer Science & Engineering**

Dr. Babasaheb Ambedkar Technological University, Lonere | 2022–2025

### **Diploma – Computer Engineering**

MSBTE, Mumbai | 2019–2022

### **Diploma in Data Science (Python & R)**

ExcleR Training Institute, Hyderabad | Apr 2025 – Sep 2025

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## Technical Skills

**Programming:** Python, R, C/C++.

**Libraries and Tools:** HTML, CSS, JavaScript, SQL, MongoDB, Docker, Django, AWS, Kafka, Jira, GitHub ,Tableau , PowerBI

**Machine Learning , Deep Learning , NLP , Data Science:** EDA, Cleaning, Statistical Analysis, Visualization

**Big Data:** Hadoop, PySpark, Apache Spark

**Others:** Object-Oriented Programming, Data Structure and Algorithm, Database Management System

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## Achievements

- IBM Data Science Professional Certificate
- Google Data Analytics Professional Certificate
- Over 1000 commits to open source projects on Git Hub
- Microsoft Deep Learning Fundamentals