

Golla Bala Ganesh

Bangalore, Karnataka, India

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SUMMARY

Enthusiastic and detail-oriented AI/ML fresher with hands-on experience in machine learning, deep learning, and data analysis through academic projects and internships. Proficient in Python, TensorFlow, Scikit-learn, and NLP techniques. Strong understanding of data preprocessing, model building, and evaluation. Eager to contribute to real-world AI solutions and grow within an innovative organization.

EDUCATION

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| Vellore Institute of Technology <i>BTech in Computer Science and Engineering (CGPA: 7.28)</i> | Vellore, Tamil Nadu Sept 2021 – July 2025 |
| Narayana Junior College <i>Intermediate Education (Percentage: 90.4%)</i> | Hyderabad, Telangana 2019 – 2021 |
| Dr.K.K.R'S Gowtham School <i>Secondary School Education (CGPA: 7.8)</i> | Sathupally, Telangana 2018 – 2019 |

SKILLS

Languages : Python, SQL.

AI & ML : Regression, Classification, Clustering, NLP, Deep Learning.

Frameworks & Tools : TensorFlow, Keras, Scikit-learn, OpenCV.

Data & Visualization : Pandas, NumPy, Matplotlib, Seaborn, Power BI, Tableau.

Other : Git/GitHub, Jupyter Notebook, Google colab, vs code, REST APIs.

EXPERIENCE

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| Rubixe <u>AI Engineering Intern</u> | Aug 2025 – Present Remote |
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- Assisted in developing and optimizing AI/ML models and algorithms under guidance of senior AI engineers.
- Performed data preprocessing, feature engineering, model training, and evaluation across multiple projects.
- Worked on AI proof-of-concept (POC) projects, applying ML techniques to solve real-world problems.
- Collaborated with cross-functional teams to design and improve AI-driven solutions, demonstrating strong problem-solving skills.

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| Smart Bridge Educational Services ↗ <u>Externship</u> | Aug 2023 – Nov 2023 Remote |
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- Analyzed large datasets using Python to extract insights and identify patterns.
- Built predictive models using Linear Regression, Decision Trees, and Clustering techniques.
- Applied feature engineering and data preprocessing to improve model performance.
- Presented actionable insights and analytical reports aligned with project goals.

PROJECTS

Portuguese Bank Marketing Project

Technologies: Python, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Machine learning Models.

- Developed a classification model to predict customer subscription to term deposits.
- Conducted extensive exploratory data analysis on demographic, financial, and campaign features.
- Handled categorical variables and class imbalance to improve model performance.
- Compared multiple models using Accuracy, Precision, Recall, F1-Score, and ROC-AUC.

FIFA 20 Player Analysis

Technologies: Python, Pandas, NumPy, Matplotlib, Seaborn, Flask, Render, Machine learning Models.

- Analyzed FIFA 20 player statistics to identify performance trends and key attributes.
- Performed data cleaning, preprocessing, and feature selection on player skill data.
- Built a player comparison system to evaluate players based on multiple attributes.
- Visualized insights using Matplotlib and Seaborn for better interpretability.

Concrete Compressive Strength Prediction

Technologies: Python, Pandas, NumPy, Seaborn, Scikit-learn, Machine learning Models.

- Built regression models to predict concrete compressive strength based on material composition.
- Performed data preprocessing, normalization, and correlation analysis.
- Trained and compared models such as Linear Regression, Decision Tree, Random Forest, and Gradient Boosting.
- Evaluated model performance using R^2 score, MAE, and RMSE.

NBA Shot Selection Analysis

Technologies: Python, Pandas, NumPy, Seaborn, Scikit-learn, Machine Learning Models.

- Analyzed NBA shot location and contextual data to understand scoring patterns.
- Engineered spatial and contextual features such as shot distance and angle.
- Built classification models to predict shot success probability.
- Visualized shot distributions using heatmaps and shot charts.

Credit Card Fraud Detection

Technologies: Python, Machine Learning(LR, RF, ANN, LSTM), HTML/CSS

- Built a fraud detection system using Machine Learning and Deep Learning models (Logistic Regression, Random Forest, ANN, LSTM).
- Handled highly imbalanced transaction data using appropriate preprocessing and evaluation strategies.
- Performed feature engineering on transaction amount, time, and customer behavior patterns.
- Evaluated models using Precision, Recall, F1-Score, ROC-AUC, focusing on minimizing false negatives.

RESPONSIBILITIES

SAHITHI TLA, VIT Vellore
Club Coordinator —

July 2023 – April 2025

Contributed to strategic decision-making and managed key club operations as part of the core committee.

COURSEWORK

Artificial Intelligence, Machine Learning, Deep Learning, Natural Language Processing, Data Structures and Algorithms.