

# Golla Bala Ganesh

Bangalore, Karnataka, India

**Email:** balaganeshgolla70@gmail.com | **Ph No:** 6301680774

[LinkedIn](#) | [GitHub](#)

## 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

### Vellore Institute of Technology

*BTech in Computer Science and Engineering(CGPA: 7.28)*

Vellore, Tamil Nadu

*Sept 2021 – July 2025*

### Narayana Junior College

*Intermediate Education(Percentage: 90.4%)*

Hyderabad, Telangana

*2019 – 2021*

### Dr.K.K.R'S Gowtham School

*Secondary School Education(CGPA: 7.8)*

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

### Rubixe

*AI Engineering Intern*

Aug 2025 – Present

*Remote*

- 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.

### Smart Bridge Educational Services

*Externship*

Aug 2023 – Nov 2023

*Remote*

- 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.