

# LINGALA ANUSHA

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[LinkedIn](#) | [Github](#) | [Portfolio](#)

## PROFESSIONAL SUMMARY

B. Tech student in **Computer Science & Engineering (Artificial Intelligence & Machine Learning)** with hands-on experience in machine learning, Python, and web development. Developed multiple real-world projects including fraud detection, prediction systems, and responsive web applications. Strong problem-solving skills, quick learner, and seeking an entry-level role in Software development or data-related domains.

## SKILLS

- **Programming Languages:** Python, Java, C
- **Libraries & Frameworks:** NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn
- **Web Development & UI Tools:** HTML, CSS, Javascript, Streamlit, Gradio, Tkinter
- **Tools & Technologies:** Jupyter Notebook, Google Colab, VS Code, Github, Hugging face
- **Soft Skills:** Teamwork, Time Management, Patience, Quick Learner, Adaptability, Communication
- **Languages known:** English, Telugu

## PROJECTS

- **Credit Card Fraud Detection** | Python, Scikit-learn | [Github](#)
  - Developed a machine learning model using Isolation Forest to identify fraudulent transactions.
  - Performed data pre-processing and anomaly detection on real-world CSV datasets.
- **Employee Salary Prediction** | Python, ML, Streamlit | [Github](#)
  - Built a prediction system to classify salary levels ( $>50K$  or  $\leq 50K$ ).
  - Implemented data pre-processing, EDA, and confidence-based predictions.
- **Face Recognition System** | Python, OpenCV | [Github](#)
  - Created a real-time face detection application using Haar Cascade classifiers.
  - Achieved accurate detection from live video streams
- **Water Quality Prediction** | Python, Machine Learning | [Github](#)
  - Developed a machine learning model to predict water quality parameters such as  $\text{NH}_4$ ,  $\text{O}_2$ , and  $\text{NO}_3$  using historical environmental data.
  - Performed data pre-processing, feature analysis, and model evaluation to support accurate water quality monitoring and management.
- **Electricity Cost Prediction System** | Python, Scikit-learn, Streamlit | [Github](#)
  - Built an interactive Streamlit application that predicts electricity costs in Indian Rupees using a machine learning model trained on building and environmental features.
  - Implemented data pre-processing, model training (Random Forest and other regressors), and visual analytics for prediction accuracy and performance insights.
- **Expenses Tracker** | HTML, CSS, JavaScript | [Github](#)
  - Built a responsive web application to track personal finances with real-time income/expense logging and balance calculation using browser local storage.
  - Implemented interactive UI features such as add/delete transactions, dynamic balance updates, and formatted currency views to simplify financial management.

## EDUCATION

**B. Tech in CSE(AI&ML)** - CGPA: 6.48

[2022- Expected June 2026]

- Rajeev Gandhi Memorial College of Engineering & Technology, Nandyal, Andhra Pradesh

## CERTIFICATIONS

- AWS Certified Cloud Practitioner - [LINK](#) | AWS Academy AI-ML - [LINK](#) | Ethical Hacking - [LINK](#)
- Google Android Developer - [LINK](#) | Web Design & Development - [LINK](#)