BURUKALA MANI REETHIKA

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SUMMARY

Results-oriented and versatile AI/ML and Software Development enthusiast with hands-on experience in Machine Learning, Data Analysis, Web Technologies, and Java/Python-based application development. Skilled in developing end-to-end solutions, optimizing code efficiency, and implementing real-world AI applications using frameworks like TensorFlow, Scikit-learn, and Streamlit.

EDUCATION

B.Tech in Electronics &Communication Engineering ,Avanthi Institute of Engineering & Technology, Hyderabad—2021–2025 (73.8%)

Intermediate Gowthami Junior College—2019–2021 (80%)

Secoundary School Gowtham EM School—2019 (80%)

TECHNICAL SKILLS

Languages: Python, Java, C, SQL AI/ML
Tools: Scikit-learn, TensorFlow, Keras, OpenCV, Dlib, Deepface
Data Analysis: NumPy, Pandas, Matplotlib, Seaborn, Power BI
Web Technologies: HTML5, CSS3 ,Streamlit, Flask
Frameworks & Tools: Git, VS Code, Jupyter Notebook, PyCharm
IDEA Core Areas: Machine Learning, Deep Learning, Data Analytics, Computer Vision, Full Stack Development

PROJECTS

1.Smart Attendance System with Deep Learning

Developed real-time face recognition-based smart attendance system with AI chatbot, voice notifications, and email alerts.
Designed Streamlit interface and implemented deep learning models for high accuracy.

2. House Price Prediction using Streamlit & Linear Regression

Built an interactive ML web app for predicting house prices using Linear Regression.
Integrated pre-trained model with real-time user input through Streamlit for quick and accurate predictions.

3. Personal Expense Tracker Web App (Python + Flask + SQL)

Created a responsive full-stack web application for expense management. Implemented CRUD operations, data visualization, and authentication using Flask and SQL.

4. AI-Powered Resume Screening System Developed

an NLP-based system to automatically evaluate and rank resumes using Python, Scikit-learn, and TF-IDF.
Integrated web interface with Streamlit for interactive use.

INTERNSHIP EXPERIENCE

Data Analytics Using Python Intern

Anudip Foundation Performed data cleaning, EDA, and visualization using Pandas, NumPy, and Matplotlib.
Learned machine learning basics and gained hands-on project experience with real-world datasets.

CERTIFICATIONS

- Programming in Python—Cisco Networking Academy
- Generative AI—GUVI
- Machine Learning—Coursera
- Web Development Bootcamp—Udemy