

Yeswanth Varma Gottumukkala

- yeswanthvarma.g@gmail.com • +91-7569777629
- LinkedIn:linkedin.com/in/yeswanth-varma
- GitHub:github.com/YeswanthVarmaGottumukkala
- Portfolio:yeswanthvarma-portfolio

Experience

AI ML DS Intern Henotic Technology Pvt. Ltd.	Jul 2023 – Sep 2023 Hyderabad
<ul style="list-style-type: none">• Improved predictive model performance through effective feature selection, achieving a 10% increase in accuracy.• Analyzed NASA’s Near-Earth Object dataset to develop predictive models using size, speed, and trajectory, enhancing threat identification by 30% through in-depth analysis of 25+ historical events.• Applied KNN and Random Forest models to improve predictive accuracy and model performance.	
AI-ML Intern Blackbuck Engineers Pvt. Ltd. (Associated with APSCHE)	Dec 2024 – Mar 2025 Remote
<ul style="list-style-type: none">• Completed a 240-hour AI-ML internship with Blackbuck Engineers, gaining hands-on experience in machine learning techniques and applications.• Worked thoroughly on data preprocessing, feature engineering, and model evaluation to improve predictive accuracy and overall model performance.	

Projects

Diabetes Risk Prediction Project
<ul style="list-style-type: none">• Performed EDA on a diabetes dataset to uncover trends in features like glucose, BMI, and insulin.• Cleaned and prepared data by handling missing values, scaling, and encoding categorical features.• Trained and fine-tuned an XGBoost model with 74.5% accuracy using cross-validation and hyperparameter tuning.• Built and deployed a REST API using FastAPI for real-time predictions, enabling seamless integration into web or mobile applications.
AI-Based Handwritten Answer Evaluation System
<ul style="list-style-type: none">• Developed an end-to-end pipeline to automate the evaluation of handwritten student answers.• Boosted evaluation reliability by 20% through a custom-trained XLNet-based similarity model, leveraging semantic context across question, student answer, and reference.• Designed and deployed a full-stack FastAPI web app with image upload interface, scoring logic, and real-time feedback, hosted on Hugging Face Spaces using Docker.• Handled complete deployment lifecycle, including model hosting, API development, Dockerization, and static frontend integration for seamless user experience.

Education

BTech in Artificial Intelligence & Machine Learning (AIML) SRKR ENGINEERING COLLEGE(A),Bhimavaram,W.G.Dist.,A.P	Nov 2021 – May 2025 CGPA: 7.0/10
Intermediate Education (BIEAP) Sri Chaitanya Junior College, Palakollu, W.G. Dist., A.P	Jun 2019 – Mar 2021 Grade: 80.4%
Secondary Education (Class X) Sri Chaitanya School, Narsaput, W.G. Dist., A.P	Jun 2019 – Apr 2019 CGPA: 9.3/10

Technical Skills

Programming Language: Python
Machine Learning: Regression & Classification Algorithms, Model Building & Optimization, Working Knowledge of NLP
Data Processing & ETL: SQL, Data Extraction, Transformation & Loading
API Development & Deployment: FastAPI (ML Inference APIs), Docker (Containerization & Deployment)
Soft Skills: Communication, Analytical Thinking, Problem-Solving, Accountability, Continuous Learning

Positions of Responsibility

- **IEEE Xtreme 18.0 Student Contributor, SRKR IEEE Student Branch** - Helped the Student Ambassador in organizing and managing IEEE Xtreme 18.0.

Certifications

- Earned certification for an 8-week ChatGPT/Generative AI internship, showcasing advanced skills in AI technologies.