

# GALMA UDAY KIRAN REDDY

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Enthusiastic and adaptable technology professional with hands-on experience in AI/ML, data analysis, and web development. Skilled in building intelligent, user-centric applications and leveraging machine learning models to solve real-world problems. Passionate about combining data-driven insights with innovative design to create impactful digital solutions.

## EDUCATION

### ANURAG UNIVERSITY

Bachelor of Engineering

Major in Information Technology

Cumulative GPA: 8.05/10

### SRI CHAITANYA JUNIOR KALASHALA

Intermediate (upto 12th) Course :MPC

Marks : 763/1000

### SPR SCHOOL OF EXCELLENCE

SSC (Class 10)

GPA:8.5 /10

## UNIVERSITY PROJECTS

### NOMAD COMPASS – ALL-IN-ONE TOURISM PLATFORM

Feb 2025

- Designed a unified travel platform to help tourists plan, book, and explore with features like local guide registration, customizable itineraries, couchsurfing, and virtual tours.
- Integrated ML-based trip planner, cultural insights, and sustainability tools to enhance user experience and promote responsible tourism.

### Explainable AI Medical Diagnosis for Diabetes

Jan 2025

- Built an interactive web app that predicts diabetes risk from key health metrics (glucose, blood pressure, BMI, skin thickness, insulin) with real-time sliders and model explainability.
- Integrated an LLM-powered chatbot to interpret results, answer health-metric questions, and guide users through data entry and next steps.

### SUSTAINABLE FERTILIZER USAGE OPTIMIZER

Nov 2024

- Developed an ML-powered web app to recommend optimal fertilizers using crop, soil, and weather data.
- Integrated speech-to-text translation, city-based weather API, and a Django-based prediction system.

## TECHNICAL SKILLS

- Programming Languages:** C ,Java ,Python.
- Web Development:** HTML , CSS , JS , Tailwind CSS , Bootstrap ,Angular.
- Databases:** MySQL, MongoDB, PostgreSQL, MySQLWorkbench , PgAdmin , MongoDB Compass
- Frameworks:** Django ,Spring Boot ,React JS, Flask , Streamlit
- UI/UX:** Figma, Canva
- Data Visualization:** Matplotlib ,Seaborn ,PowerBI ,Plotly
- Machine Learning:** TensorFlow ,Scikit-learn ,XGBoost
- Other Tools:** Postman , VS Code , ECLIPSE IDE , JetBrains IntelliJ ,WebStorm , AWS

## ACHIEVEMENTS

### HACKTIVATE – Anurag University

Hyderabad, India

Runner-Up

Feb 2025

- Selected among the Top 50 teams out of 1800+ across India** for presenting the *Nomad Compass* project.
- Showcased a unified travel platform with features like personalized itineraries, local guides, and cultural insights.

### TECHHACKS – Anurag University

Hyderabad, India

Runner-Up

Sep 2024

- Awarded Runner-Up for developing the Agrotourism Project promoting sustainable farm tourism
- Recognized for blending Django backend, location services, and user-friendly booking interface

## ADDITIONAL

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### **Certifications & Training:**

- Java Spring Boot Certification
- Python Essentials 1 and 2
- Java 11 Essentials Certification
- Java NPTEL Certification
- MongoDB Certification
- MATLAB Certification

### **Interests:**

- Swimming
- Table Tennis
- UI/UX Design
- Data-Driven Projects
- Cooking

**Languages :** Proficient in English , Telugu , and Hindi.