Adukuri Shankar Srivathsa

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LinkedIn | HackerRank | GitHub

Education

Geethanjali College of Engineering and Technology — Hyderabad, India *August 2023 – May 2027*
Artificial Intelligence & Machine Learning, B.Tech CGPA: 6.56

Experience

UptoSkills | UI/UX Intern *March 2025 – June 2025 · Remote*

- Led a team as Senior Team Lead, managing end-to-end delivery of 6 medium-complexity UI/UX projects within a 3-month timeline.
- Coordinated task allocation, design reviews, and cross-functional collaboration to ensure on-schedule delivery across all projects.

Clubs & Societies

GDG on Campus GCTC | Founder & Lead *August 2025 – Present*

- Founded and established the GDG on Campus chapter at Geethanjali College of Engineering and Technology.
- Achieved Tier 3 in the Google Cloud Campaign and hosted GSoC awareness sessions for students.

GCTC Portal | Administrator *February 2026 – Present*

- Selected as one of the college's student administrators for gctcportal.in — a competitive, single-seat annual appointment.
- Managed academic notifications, marks updates, and college announcements via the portal and official Instagram handle.
- Served as Sub Core – Technical for the college fest committee, overseeing technical event coordination.

Skills

Programming Languages: Python, Java, C, HTML, CSS, JavaScript
Libraries / Frameworks: NumPy, Pandas, scikit-learn, Matplotlib, Seaborn
Tools / Platforms: GitHub, VS Code, Figma, Jupyter, Google AI Studio, Firebase
Databases: MySQL

Projects / Open-Source

ESI_Hab — Multi-Index Exoplanet Habitability Ranker | Python

- Processed 5,000+ exoplanet candidates from NASA Exoplanet Archive through a 3-stage scoring pipeline (ESI → HZD → SEPHI), applying a radius filter of < 1.6 R⊕to isolate rocky planet candidates.
- Modeled tidal locking probability using stellar age and lock timescale to produce a blended habitability score, narrowing candidates to a ranked shortlist with a composite index.

Smart Power Consumption Predictor | Python, Machine Learning

- Built a regression-based ML model to predict household power consumption, applying feature engineering and data preprocessing pipelines using NumPy and Pandas.
- Evaluated model performance using scikit-learn metrics (MAE, RMSE) and visualized consumption trends and feature importance using Matplotlib and Seaborn.

Certifications

- Honeywell Future Skills Edge Program — AI & ML Course
- Getting Started with AI on Jetson Nano — NVIDIA
- Automate the Boring Stuff with Python — Udemy