

ADUKURI SHANKAR SRIVATHSA

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

PROJECTS

Smart Power Consumption Predictor | [GitHub](#)

- Built a regression-based ML model (XGBoost) to predict household power consumption, applying feature engineering and preprocessing pipelines with NumPy and Pandas.
- Evaluated performance using scikit-learn metrics ($MAE \approx 0.09$ kW, $R^2 \approx 0.95$) and visualized consumption trends and feature importance using Matplotlib and Seaborn.

AI Descriptive Answer Evaluation System | [GitHub](#)

- Co-built the backend evaluation pipeline in a 3-person team — PaddleOCR and PyMuPDF for handwritten-answer text extraction, Sentence-BERT cosine-similarity scoring against instructor-provided model answers, with SQLite persistence and ReportLab report generation.
- Owned deployment (Railway), taking the system from local prototype to a live Flask application with role-based Faculty and Student portals.

Job Notifier | [Github](#)

- Built an automated job-matching tool (Python) that scrapes Adzuna and Arbeitnow APIs, filters listings by role fit, experience level, and location eligibility, and delivers daily email digests via GitHub Actions — built to solve my own job search friction as a fresher.
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SKILLS

Programming Languages: Python, Java, C

Libraries / Frameworks: NumPy, Pandas, scikit-learn, Matplotlib, Seaborn

Tools / Platforms: GitHub, VS Code, Figma, Jupyter, Google AI Studio, Firebase

Databases: MySQL

EDUCATION

Geethanjali College of Engineering and Technology, Hyderabad

Aug 2023 – May 2027

B.Tech | Artificial Intelligence and Machine Learning

LEADERSHIP & INITIATIVE

Founder & Lead, **GDG on Campus GCTC**

Aug 2025 – Present

- Founded and established the Google Developer Groups on Campus chapter at Geethanjali College of Engineering and Technology.
- Achieved Tier 3 in the Google Cloud Study Jams campaign and hosted GSoC awareness sessions for students.

Administrator, **GCTCPortal**

Feb 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-wide announcements via the portal and official Instagram handle.
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CERTIFICATIONS

[View on LinkedIn](#)

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