MVSK Lalith Kumar

Github ☑ LinkedIn ☑

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EDUCATION

- **Mahindra University**
  Master of Technology – Data Science
  CGPA: *6.54/10*

  Hyderabad, India
  2024 - 2026

- **Lovely Professional University**
  Bachelor of Engineering – CSE (Data Science)
  CGPA: *7.54/10*

  Punjab, India
  2020 - 2024

  Urbane Junior College
- *Telangana State Board of Intermediate Education*
  Percentage: *62.5%*

  Hyderabad, India
  2018 - 2020

PROJECTS

- **AI Text Transformer**   *Jun 2025 - Jul 2025*
  - Developed a full-stack AI text transformation web app using Python, Streamlit, and LangChain.
  - Implemented robust back-end logic for parsing and processing text from PDF and DOCX documents.
  - Orchestrated complex LLM interactions using LangChain to achieve dynamic, style-based text generation.

- **Data Prepping Co-pilot** ☑   *Apr 2025 - May 2025*
  - Integrated CSV and Excel support using papaparse and XLSX libraries for dynamic file handling.
  - Enabled rule-based data cleaning operations through a user-friendly interface with real-time preview.
  - Designed modular UI components for scalable data workflows, paving the way for future AI integration.

- **IBM-HR-Analytics-Employee-Attrition-Performance** ☑   *Feb 2025 - Mar 2025*
  - Built an end-to-end ML pipeline to predict employee attrition, achieving an 87% F1-score on test data.
  - Leveraged Optuna for automated hyperparameter tuning to identify the optimal predictive model.
  - Deployed the final model as an interactive web application using Streamlit for real-time HR insights.
  - Performed in-depth EDA to identify and visualize key drivers influencing employee retention.

SKILLS

- **Languages**   Python, SQL
- **Field of Study**   EDA, Machine Learning, Deep Learning, Generative AI, NLP, Agents
- **Other Technologies**   Power BI, Tableau, Pytorch, Fast API, Excel, Docker
- **Soft Skills**   Leadership, Time Management, Problem Solving, Critical Thinking, Data Storytelling

POSITIONS OF RESPONSIBILITY

- **Co-Curricular Activities Lead**
  *Organized events and fests for **3500+** students in the university campus*

  Hyderabad, India
  2025 – Present

- **Lead Member of GDSC CLUB LPU 2k24**
  *Managed events and conducted workshops for **10000+** students in the university campus.*

  Hyderabad, India
  2022 - 2024

ACHIEVEMENTS

- Recognized as a Kaggle Contributor for demonstrating foundational skills in data analysis and consistent engagement through high-quality notebooks.
- Demonstrated exceptional strategic planning and competitive focus by achieving a top-tier ranking in the State Level Chess Tournament.
- Selected Participant, Volkswagen Group's i.mobilothon: Competed in an exclusive innovation challenge focused on developing next-generation mobility solutions.

HOBBIES

- Coloring
- Playing badminton
- Learning Japanese