

MVSK LALITH KUMAR

Github [🔗](#) LinkedIn [🔗](#) Portfolio [🔗](#)

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EDUCATION

• Mahindra University

Master of Engineering – Artificial Intelligence and Data Science

Hyderabad, India

2024 - 2026

CGPA: 6.54/10

• Lovely Professional University

Bachelor of Engineering – Computer Science Engineering (AI&DS)

Punjab, India

2020 - 2024

CGPA: 7.54/10

EXPERIENCE

• Upgrad Private Limited – Punjab, India [🔗](#)

AI Engineer Intern

Punjab, India

Jan 2024 - Aug 2024

- Developed an intelligent expense tracker with automated receipt scanning and categorization, reducing manual entry by 70%.
- Built a secure Flask backend with SQLite enabling real-time expense logging and ensuring reliable data persistence with 99% accuracy.
- Implemented dynamic charts and analytics, providing users with actionable financial insights and improving engagement by 40%.

PROJECTS

• AI Text Transformer [🔗](#)

Jun 2025 - July 2025

- Developed a full stack AI text transformation web application using python, streamlit and LangChain.
- Implemented robust back-end logic for parsing and processing text from PDF to 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 integrations.

• 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.
- 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, Fine tuning, Docker

• Soft Skills

Passionate, Adaptable, Communication, Time Management, Data Storytelling

POSITIONS OF RESPONSIBILITY

• Co-Curricular Activities Lead

Hyderabad, India

Organized events and fests for 3500+ students in the university campus

2025 - Present

• Lead Member of GDSC CLUB LPU 2k24

Punjab, India

Managed events and conducted workshops for 10000+ students in the university campus

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 Chess tournament.
- Selected participant, Volkswagen Group's i.mobilothon: completed in an exclusive innovation challenge focused on developing next generation mobility solutions.

HOBBIES

- Badminton