MVSK LALITH KUMAR

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EDUCATION

Mahindra University   Hyderabad, India
Master of Engineering – Artificial Intelligence and Data Science   *2024 - 2026*
CGPA: 6.54/10

Lovely Professional University   Punjab, India
Bachelor of Engineering – Computer Science Engineering (AI&DS)   *2020 - 2024*
CGPA: 7.54/10

EXPERIENCE

Upgrad Private Limited – Punjab, India ⬈   Punjab, India
AI Engineer Intern   *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   Hyderabad, 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