

Prameela Reddi

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OBJECTIVE

Entry-level data scientist with a strong focus on machine learning, analytics, and generative AI. Committed to continuous learning and applying innovative, data-driven solutions to address real-world challenges. Proven ability to leverage technology for business success and efficiency.

EXPERIENCE

Lead Data Scientist, AVL R Innovative Solutions Pvt Ltd, August 2024-Current
Hyderabad, India

HRMS Chatbot

- Developed an HRMS chatbot to address employee queries related to leaves, payroll, and company policies.
- Integrated the HR database and internal FAQs to deliver instant, accurate support.
- Utilized Python, Hugging Face models, Streamlit, and SQL for chatbot development.
- Designed secure conversational flows to manage sensitive HR information effectively.
- Automated HR-related responses to enhance employee experience and internal communication.
- Documented the chatbot architecture, flow designs, and deployment process for future scalability.

Data Scientist, Inndata Analytics, October 2022-July 2024
Visakhapatnam, India

SQL Chatmate

- Developed ChatBot using open-source large language model (LLM).
- Integrated ChatBot with database for efficient data retrieval and SQL query generation.
- Implemented chart generation functionality utilizing popular charting libraries to visualize data.
- Designed user-friendly interface for SQL query interaction and result visualization.
- Documented entire development process, highlighting design decisions, challenges, and solutions.

SPOT-SIGN

- Developed face recognition model utilizing video feed for employee attendance tracking.
- Implemented advanced face detection algorithms to accurately identify individual faces.
- Utilized comparison techniques to match detected faces against known employee profiles.
- Established similarity threshold to classify individuals as authorized or unauthorized personnel.
- Integrated system with database to maintain comprehensive attendance records.
- Delivered efficient solution for effective employee attendance management.

Data Science Intern, SocialTek AI ML pvt ltd, February 2022-September 2022

Hyderabad, India

Property Price Navigator

- Extracted data using Selenium for efficient analysis.
- Employed robust preprocessing techniques, including cleaning and exploratory data analysis.
- Handled missing data to enhance dataset integrity.
- Implemented a precise Random Forest regressor, achieving top prediction accuracy.
- Attained highest Adjusted R^2 value for the project, validating model effectiveness.

EDUCATION

Bachelor of Science

Computer Science, Andhra University, Visakhapatnam August 2021

CERTIFICATIONS

CareerTech 2023 Challenge for Big Data and Data Science

- The Challenge for Big Data and Data Science certificate is relevant, as it equips me with specialized skills and knowledge crucial for excelling in the dynamic field of data science

Advanced Data Science and AI - 2022

- The Advanced Data Science and AI certificate is relevant because it provides in-depth expertise and skills essential for addressing complex challenges in the field

SKILLS

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|---|----------------------------------|
| • Python and R | • Docker and HTML |
| • Web scraping and data wrangling | • SQL and Power BI |
| • Machine learning and deep learning | • Microsoft Office proficiency |
| • Natural language processing Generative AI | • Research and critical thinking |