

Curriculum Vitae

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Objective

A Machine Learning and Algorithms, seeking an entry-level Data Analyst role to leverage analytical expertise and drive data-informed business decisions recent graduate skilled in data analysis, statistical modelling, and data visualization. Proficient in Python, SQL, Power BI.

Education

Master of Computer Applications (MCA)

KMM University, - Perusing

BSc Computer Science

Sri Vaishnavi Degree College, Rajampet

Graduation Year: 2024

Technical Skills

- **Programming Languages:** Python, SQL, Java
- **Data Tools:** Power BI, Tableau, Pandas, NumPy
- **Machine Learning:** Scikit-learn, TensorFlow, NLP, Computer Vision
- **Others:** Git, Jupyter Notebook, Excel (Advanced)

Professional Experience

Data Analyst Intern

Social Tek AI and Business Solutions, Hyderabad

May 2024 – October 2024

- Collaborated with a team of data scientists to develop and enhance chatbots, focusing on various types, including customer service and informational bots.
- Conducted data analysis to understand user interactions, enabling improvements in chatbot response accuracy and user satisfaction.
- Supported the team in implementing natural language processing (NLP) models to improve the chatbot's language understanding and context recognition.
- Tested chatbot performance and helped optimize conversation flows, contributing to a more intuitive user experience.
- Documented chatbot functionality and performance metrics to ensure quality and consistency in updates and maintenance.

Projects

Application Form Field Recognition (OCR)

- Implemented an object detection model to extract key information from application forms.
- Utilized **TensorFlow** for text detection and **Tesseract OCR** for data extraction.

Order Priority Prediction

- Processed historical order data including delivery time, customer type, and product category for model training.
- Built and evaluated classification models to predict order priority (e.g., high, medium, low) based on business features.
- Provided insights through Tableau dashboards to help optimize inventory and logistics planning.

Crop Yield Estimation

- Collected and cleaned agricultural data including rainfall, temperature, and pesticide usage to prepare for analysis.
- Applied regression models to estimate crop yield across various regions and years.

- Visualized yield trends and influencing factors using Tableau to support data-driven agricultural planning.

Certifications

- **Data Science With AI**
- **Data Analysis with Python**

Achievements

- Completed Data Science Course at Social Prachar.
- Built and deployed multiple machine learning models using Python and Power BI