RUSHIKESH JADHAV

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EDUCATION

Dr. DY Patil School of MCA

Master in Computer Application

Dr. Babasaheb Ambedkar Marathwada University

Bachelor's in computer science

State University of New York at Potsdam

Diploma in Artificial Intelligence

July 2024

CGPA: 8.0

May 2022

Percent: 71.57 November 2024

Percent 77

SKILLS SUMMARY

Languages:

Python, Java

Databases/OS:

MySQL, PostgreSQL, Linux, Windows, MacOS

Machine Learning:

Supervised Learning, Unsupervised Learning, NLP, Computer Vision Pandas, Numpy, Matplotlib, Sci-kit learn, Pytorch, Tensorflow, seaborn

Libraries:

Power bi, Tableau, Flask, Hadoop, Git, Google Colab, Jupyter, Spyder

Frameworks/Tools:

Soft Skills:

Critical Thinking, Problem-Solving, Effective Communication

WORK EXPERIENCE

CLIENT PROJECT FOR AITUTORS | LINK

- Developed an Al-powered chatbot to streamline student and manager queries, reducing dependency on calls and website visits.
- Conducted research analysis on chatbot implementation for academic support.
- Implemented web scraping on JNTUH website to enrich the chatbot's knowledge base with academic materials.
- Selected Mistral 7B after rigorous experimentation for optimal performance in response generation.
- Evaluated models using BLEU score & human evaluation for contextual accuracy.
- Deployed chatbot using Flask & NGROK on Google Colab, ensuring seamless accessibility.
- Utilized Jupyter & Google Colab (GPU) for model training and optimization.
- Improved communication efficiency by 80% and targeted a 98% accuracy rate, driving a 20% revenue increase.

PROJECTS

AGROSENSE | LINK

- Developed AgroSense, an Al-powered agricultural decision-support system with Crop Recommendation, Fertilizer Suggestion, and Disease Detection modules, achieving 97% accuracy in crop selection.
- Built CNN-based Disease Detection and Fertilizer Optimization models using Python, TensorFlow, and Scikit-Learn, reducing crop losses and improving soil health.
- Designed a user-friendly web interface, enabling farmers to make data-driven decisions for better yield, efficiency, and sustainability.

LOAN DEFAULTER PREDICTION LUNK

- Developed a Loan Defaulter Prediction System to minimize financial risk for banks.
- Built ML models with 80% accuracy using income, credit score, and 15+ features to predict defaults.
- Achieved 10% reduction in loan defaulters, saving 1.2M in potential losses.
- Implemented data preprocessing, EDA, and hyperparameter tuning for optimal performance.
- Deployed the model using Flask for real-time loan risk assessment.
- Ensured continuous monitoring & updates for model accuracy and relevance.

AMAZON PRODUCT REVIEW ANALYSIS USING NLP USED ML, PYTHON, FLASK, NLP JLINK

CERTIFICATES NASSCOM Data science

Govt. of India UNK Data Science Certificate 360DigiTMG LINK Analyzing and Visualizing Data with Microsoft Power Bl 360DigiTMG LINK

Structured Query Language 360DigiTMG

Python Programming 360DigiTMG LINK