Saatwik Alle

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EDUCATION

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY Hyderabad
Bachelor of Engineering Expected 05/2025
Cumulative GPA: 8.75/10.0
Relevant Coursework: Data Analysis; Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

EXPERIENCE

BHARAT INTERN Hyderabad
Data Scientist Intern Sep2023 – Oct 2023
- A one-month virtual internship in the field of Data Science.

PROJECTS

GESTURE-CONTROLLED POWERPOINT PRESENTATION 09/2023
- Achieved 95% Accuracy in Gesture Recognition.
- Implemented CV zone and OpenCV Hand-Tracking Modules to develop a real-time gesture recognition system.
- Reduced user interaction time by 50% and improved overall user experience.
- Boosted Presentation Engagement by 30%.

SUPER MARKET MANAGEMENT SYSTEM 11/2023
- Delivered a 40% Increase in Customer Engagement.
- Implemented SQL & JDBC, resulting in a 50% Time Reduction.
- 80% Decrease in Product Information Errors.

SONG RECOMMENDATION SYSTEM BY FACE EMOTION RECOGNITION 11/2023
- Spearheaded the development and implementation of a cutting-edge Song Recommendation System leveraging machine learning algorithms and a 15% boost in monthly subscriptions.
- Remarkable 85% accuracy in identifying and categorizing diverse emotional states.
- Drove a substantial 25% increase in user satisfaction following the successful implementation of the recommendation system.

SPAM MESSAGE CLASSIFICATION 12/2023
- Formulated a Spam Classification system using a Naive Bayes classifier, leveraging a 10,000 messages dataset for training and evaluation.
- Commendable accuracy of 89 percent on the test set, showcasing the effectiveness of the model.
- Employed natural language processing techniques to preprocess and vectorize text data effectively.

REDDIT CLONE 12/2023
- Constructed a Reddit replica using NextJS for the front end and Firebase for the back end.
- Implemented essential functionalities such as user authentication, community creation, and post management like creating, editing, and deleting posts.
- The system can store up to 10,000 posts.

ACTIVITIES

PYTHON APPLICATION DEVELOPMENT BOOTCAMP Hyderabad
Volunteer for the Event 10/2023
- Contributed to a coding initiative, assisting 250+ students over 4 days. Facilitated learning sessions, guided coding concepts, and fostered a collaborative learning environment.

ADDITIONAL

Technical Skills: MERN Stack, Nextjs, Postgresql, AWS, Docker
Languages: C/C++, Java, JavaScript, Python
Certifications & Training: Cloud Computing (Certificate by NPTEL Elite + Silver Certificate with 75%), Supervised Machine Learning (Certificate from Coursera issued for completion of the course by AndrewNg), HackerRank Intermediate (Certificate DSA)