

YALAVARTHI RAJKUMAR

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EXPERIENCE

- Full Stack Web Developer with 6 months of Experience at Sallegully Retail Pvt. Ltd.
- Full stack Internship at Bharat Intern Internship Program

EDUCATION

- **Master of Computer Application (MCA)** , [Krishna University]
Year : 2023
Percentage : 80%
- **Bachelor of Sciences (B.Sc.)** , [Sri Baba Guredev Degree and PG College]
Year : 2021
Percentage : 75%

PROJECTS

Krishna Tarang Inter Collegiate Youth Festival Responsive Web Application

Aug 2022-Oct 2022

- Developed a responsive web application for the Krishna Tarang Inter Collegiate Youth Festival.
- Implemented features for registration and management of various competitions and events.
- Provided a user-friendly interface for participants to sign up for different categories such as Music, Dance, Literary Events, Theatre, and Fine Arts.
- Enabled participants to select their preferred competition categories, including Classical Vocal Solo, Classical Instrumental Solo, Light Vocal, Folk/Tribal Dance, Classical Dance, Quiz, Elocution, Debate, One Act Play, Skits, Mime, Mimicry, and various Fine Arts activities.
- Streamlined the festival organization process by ensuring smooth coordination and efficient management of participants and their submissions.
- Improved accessibility and convenience for participants through a responsive design that worked seamlessly across different devices.
- Played a key role in enhancing the overall experience of the Krishna Tarang Inter Collegiate Youth Festival through the development of the web application.
- Around 3000 Students has been enrolled.

Recommendation System For Crop Selection With Soil Health Analysis

- Skilled in agricultural data analysis, utilizing NPK, temperature, humidity, pH, and rainfall data for optimized crop growth.

- Knowledgeable in Machine Learning techniques, specializing in K-means clustering for valuable insights from agricultural datasets.
- Proficient in developing user-friendly web applications using Flask Python framework for data visualization and analysis.
- Experienced in implementing irrigation strategies based on rainfall patterns to ensure water-efficient farming practices.
- Capable of interpreting data to make informed agricultural decisions, optimizing crop nutrition and yield for enhanced productivity.

TECHNICAL SKILLS :

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|--------------|------------------------|
| • Java | • Reactjs |
| • Python | • Nodjs |
| • Php | • MongoDB |
| • Mysql | • Git |
| • Bootstrap | • C |
| • Html | • RESTful Web Services |
| • Css | • Data Structure |
| • Javascript | |

CERTIFICATIONS

- Complete Python Programming from scratch
- Java Certification (Spoken Tutorial)
- Linux and Bash certification(Spoken Tutorial)
- Excel Basics for Data Analysis certification (IBM)

ACHIEVEMENTS

- Developed a responsive web application for the Krishna Tarang Inter-Collegiate Youth Festival at Krishna University.

Leadership and Communication:

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|-----------------------|--------------------------|
| • Leadership | • Accountability |
| • Communication | • Emotional Intelligence |
| • Team Building | • Trust |
| • Conflict Resolution | • Collaboration |
| • Facilitation | |
| • Decision-Making | |

LANGUAGE

- Hindi
- English
- Telugu