

Sai Rama Prasanth K

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ABOUT ME

Results-driven Data Analyst with expertise in statistical analysis, machine learning, and data visualization, focused on converting complex datasets into actionable insights. Proficient in Python, R, SQL, and data libraries such as Pandas and Scikit-Learn, with a track record of developing predictive models that support strategic decision-making. Demonstrates strong skills in crafting interactive dashboards and visualizations for effective data communication. Additionally experienced in front-end development using React.js, JavaScript, and HTML to integrate data science solutions into user-friendly web interfaces.

EDUCATION

Woxsen University

May 2024

MBA: Business Analytics & Finance

- Major in: Data Analytics and Business Analytics
- Publications and Presentations: Chapter Contribution: Contributed Chapter 4 titled "A Comprehensive Survey of Deep Learning Approaches in Neurodegenerative Disease Diagnosis and Prediction: " to the book "Deep Learning Approaches for Early Diagnosis of Neurodegenerative Diseases."
- 2.99 CGPA

St. Mary's Degree College

March 2021

B.COM: Computers

ACHIEVEMENTS

3rd position in the article writing competition 'Impressions', 11/01/22, IIM Rohtak

SKILLS

- Programming Languages: C, Python
- Data Analysis and Visualization
- Machine Learning & Modeling
- Data Science Libraries and Tools
- Database Management
- Front-End Development
- API Integration
- Front-End Frameworks
- Responsive Design
- UI/UX Design Principles
- CSS Preprocessors
- Prompt Engineering
- Communication Skills
- Problem-Solving
- Team Collaboration
- Adaptability
- Critical Thinking
- Attention to Detail

PROJECTS

Cherry Leaf Disease Classification

- Description: Collaborated in a team to develop a machine learning model using Convolutional Neural Networks (CNNs) for identifying cherry leaf diseases.
- Responsibilities: Managed data collection and preprocessing.
- Implemented image recognition techniques to detect disease accurately.
- Created a user-friendly interface, allowing real-time disease detection to aid in agricultural practices.

Game Review Website

- Description: Developed a dynamic game review site using React.js, designed to provide users with in-depth game information, ratings, and trailers.
- Key Features: Detailed Game Info: Integrated RAWG API for comprehensive game data.
- Multimedia Integration: Utilized YouTube API to display trailers.
- User Authentication: Leveraged Firebase for user login and secure data storage.
- Responsive Design: Enhanced with Tailwind CSS for an immersive and adaptable user experience.
- Live Demo: <https://game-critic-s.vercel.app/>

Weather Application

- Description: Created a real-time weather app using React.js to deliver accurate and up-to-date forecasts.
- Features: Location-Based Services: Users can access weather data based on their current location.
- Responsive UI: Built with Tailwind CSS to ensure accessibility and seamless performance across devices.
- Live Demo: <https://cloudlytic.vercel.app/>

HOBBIES

- **Gaming:** Enjoy analyzing game mechanics and staying up-to-date with the latest releases, which enhances my problem-solving skills and strategic thinking.
- **Project Development:** Passionate about hands-on learning through personal projects, from web applications to machine learning models, expanding my technical knowledge and creativity.
- **Volleyball (Setter):** Active member and setter on volleyball teams, developing strong teamwork, communication, and leadership abilities.
- **Music Enthusiast:** Engaged in music appreciation and exploring various genres, fostering creativity and focus.