CHANDRASHEKHAR D

Hassan, Karnataka

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chandrashekhard17

Skills

- **Programming Languages**: Python, C, Java, C++, NumPy.
- **Technologies and Tools**: Pandas, Scikit-Learn, Web Scraping, Matplotlib, TensorFlow, Flask, Git.
- **Domains**: Statistics, Machine Learning, Feature Engineering, Exploratory Data Analysis, Data Visualization.

Work Experience

SkillBout **Sep 2022 – Oct 2022**

Python Intern *Bangalore, Karnataka*

- Developed an Alarm app using Tkinter in Python, enabling users to set, update, and delete alarms with a simple user interface.

PW Skills **Oct 2023 – Dec 2023**

Machine Learning Intern *Bangalore, Karnataka*

- Built a Book Recommendation System using Python and machine learning techniques to suggest books based on user preferences and past behavior.

Education

Bahubali College of Engineering **Aug 2021 – Jun 2025 (pursuing)**

B.E. in Computer Science, CGPA: 8.2 *Shravanabelagola, Karnataka*

Bhakthanathswamiji PU College **May 2019 – Jul 2021**

Pre-University, Percentage: 86.33% *B G Nagara, Karnataka*

Projects

Heart Disease Prediction

- Developed a predictive model using patient data, achieving over 90% accuracy in assessing heart disease risk. The model utilized logistic regression and decision trees to classify patients based on various health metrics.
- Conducted thorough data analysis and preprocessing, including feature selection and normalization, to enhance prediction accuracy, facilitating early diagnosis and treatment for at-risk individuals.
- Utilized libraries such as Scikit-Learn and NumPy for efficient data handling and model implementation.

Diabetes Prediction

- Created a predictive model based on patient characteristics and medical history, achieving 88% accuracy using machine learning algorithms like Random Forest and Support Vector Machines.
- Employed advanced data preprocessing techniques, such as handling missing values and feature scaling, to ensure high-quality input, significantly enhancing model reliability and robustness.
- Implemented a user-friendly interface using Streamlit for visualization of prediction results.

Forest Fire Prediction using Algerian Dataset

- Implemented a predictive model for forecasting forest fire occurrences using the Algerian dataset, achieving high accuracy in risk assessment through the use of time series analysis and machine learning.
- Analyzed data trends and patterns with tools like Python and Pandas, optimizing prediction algorithms, which contributed to effective forest management strategies and timely interventions.
- Collaborated with environmental scientists to validate model findings and improve practical applications in forest management.

Achievements

- Secured 1st place in a quiz competition on Mathematics Day.
- Represented the college as the Sports Coordinator, organizing and overseeing sports events.
- Led a team in several hackathons, gaining experience in collaboration and problem-solving.