CHETHAN K S

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SUMMAY

Dedicated machine learning enthusiast adept in Python, Streamlit, and scikit-learn, with a proven track record of developing predictive models and performing data analysis. Proficient in data preprocessing, feature engineering, and model evaluation techniques, experienced in working with large datasets and applying advanced algorithms. Skilled in creating accurate and efficient models, with a strong understanding of machine learning best practices.

EDUCATION

Bachelor of Engineering in Computer Science and Engineering Expected June 2025
Sir M Visvesvaraya Institute of Technology Bangalore, India G.P.A-8.1

Class 12 2020
Vision PU College Bengaluru, India Percentage-85

Class 10 2017
Adarsha Vidyalaya [RMSA] Srinivaspur, Karnataka Percentage-87.5

SKILLS

Technical Skills: Python, HTML, CSS

Tools:Jupyter Notebook, GIT, MySQL, VS Code

Libraries: NumPy , Pandas , Matplotlib , Seaborn , Gradio , Streamlit

Additional Skills: Competitive Programming, Data Structure And Algorithm, OOPS, Computer Networks

EXPERIENCE

Machine Learning With Python oct 2023 – dec 2023
Varcons Technologies Bangalore, India

- Built Built ML models with Scikit-learn for predictive analysis in healthcare and social media domains. Implemented robust data preprocessing and visualized insights using Seaborn. Designed interactive frontends with Streamlit for seamless user engagement and real-time predictionspredictions.

Web Development Intern Feb 2023 – Apr 2023
Internshala Bangalore, India

- Designed and implemented simple frontend projects using HTML, Css, JavaScript.

PROJECTS

Heart-Disease-Prediction. Developed a machine learning model for heart disease prediction using Python, implementing algorithms like Random Forest, Logistic Regression, and an Artificial Neural Network, achieving a 95.83 percent accuracy rate.

Social-Media-Sentimental-Analysis. Developed a sentiment analysis model for social media text, achieving 89.03 percentage accuracy using an SVC with an RBF kernel. Implemented a thorough NLP pipeline for data preprocessing and built a user-friendly Streamlit interface for real-time sentiment predictions.

Railway Reservation System: Developed a Railway Reservation System using Python, Streamlit, and SQLite to manage train schedules, seat bookings, and passenger details. Implemented dynamic seat allocation, CRUD operations for train data, and interactive user interfaces for booking and cancellations. Ensured efficient data handling and enhanced user experience with a clean, functional design.

CERTIFICATES

NPTEL Certificates

1.The Joy of Computing using Python. 2.Data Base Management System.