Sujana Yadla

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GitHub Profile
LinkedIn Profile

Objective

Motivated AI and Data Science student aspiring to become a Data Scientist or ML Engineer. Skilled in machine learning, data analysis, and model development using Python. Experienced in building predictive models and deriving actionable insights. Eager to apply technical skills to solve real-world problems and drive innovation.

Experience

•Cloud Computing Virtual Internship *July - Aug 2024*

NIELIT Online

– Configured AWS VPC Peering for secure and scalable inter-VPC communication.
– Optimized resource sharing across VPCs, integrating EC2 and RDS services.
– Improved performance and low-latency data exchange between connected VPCs.

Education

–Bachelor of Technology in Artificial Intelligence and Data Science *2022-26*

Sagi Rama Krishnam Raju Engineering College, Bhimavaram CGPA: 9.01

–Intermediate *2020-22*

Sri Chaitanya Junior College, Tuni 97.3 percentile

–SSC *2020*

Sri Sarada 98.1 percentile

Certifications

* Data Analysis with Python - freeCodeCamp
* Web Development Internship - CodSoft
* Cyber Security - Corizo
* HTML,CSS,JavaScript - Udemy
* Data Structures and Alogorithms C++ - Udemy

Projects

–CardioPredict: Redefining Heart Disease Detection

Machine Learning-Based Heart Disease Prediction for Preventive Cardiac Care

* Developed a Decision Tree model achieving 95 percent accuracy in predicting heart disease.
* Performed data preprocessing and EDA on clinical datasets using Python.
* Used Scikit-learn, Pandas, and Matplotlib for model building and evaluation.

–freeCodeCamp Forum Analytics: A Time Series Visualization Approach

Time Series-Based Web Traffic Analysis for Educational Engagement Insights

* Performed time series analysis on web traffic data from freeCodeCamp Forum using Python, Pandas, and Matplotlib.
* Created line, bar, and box plots to visualize daily, monthly, and seasonal trends in forum page views (2016–2019).
* Cleaned and preprocessed data by filtering out extreme outliers (top and bottom 2.5

–HealthyHer: Reproductive Health Redifined

Machine Learning-Based PCOS Prediction for Reproductive Health.

* Developed a PCOS prediction model using Random Forest, achieving 92 percent accuracy.
* Applied machine learning to enhance reproductive health diagnostics and decision-making.

Skills

Languages: C/C++, Java,Python, Javascript, HTML, CSS
Web Dev Tools: VScode, Git, Github
Cloud/Databases: Relational Database(mySql)
Relevent Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.
Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

Co-Curricular Activities

–ISTE Organizer Organized technical workshops and events, managed logistics and team coordination.