Sahana K

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EDUCATION

JSS Science and Technology University   2024
B E in Computer Science
CGPA: 9.7 (upto 5th semester)

Sri Adichunchanagiri Independent P U College   2020
Percentage: 98.66

SKILLS

C, Machine Learning, C++ (Basics), Python (Basics), Java, Data Structures, JavaScript (Basics), HTML, CSS (Basics), Node.js, Express.js, MySQL.

PROJECTS

- **Credit card fraud detection**
  Predicting credit card fraud using classification algorithm and made use of SMOTE technique to handle the imbalance in the data. Metrics used – accuracy (99%), precision, f1 score, recall score.

- **Stock price prediction**
  Predicting stock price using regression (Supervised Machine Learning model). Metrics used – R2 score (99%).

- **PCOS detection and classification**
  Detection of PCOS in women using classification algorithms (Supervised Machine Learning model). Metrics used – accuracy (90.18%), precision, f1 score, recall score.

- **Electric vehicle range prediction**
  Predicting electric range of vehicle using regression (Supervised Machine Learning model).

- **Fake news classification**
  Classification model to check if the news is real or fake (Supervised Machine Learning model). Metrics used – accuracy (99%).

- **Dice game**
  Project developed using HTML, CSS and JavaScript.

- **Drum project**
  Designed a virtual drumkit using HTML, CSS and JavaScript.

- **Blog website**
  Project developed using Node.js, Express.js and Ejs.

- **Designing front-end for Google Search**
  Front-end for Google Search, Google Image Search and Advanced Search using HTML and CSS. Forms send the data to an existing server (Google's server).

ADDITIONAL

LANGUAGES: English, Kannada

COURSES AND CERTIFICATIONS: Supervised Machine Learning: Regression and Classification, Advanced Learning Algorithms, Recommender systems from Coursera (Stanford University), Machine Learning A-Z: Python in Data Science (Udemy).