Bilal Rukundi

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SUMMARY

16-year-old programmer pursuing a Diploma in Artificial Intelligence and Machine Learning. Skilled in Python, SQL, and web technologies. Focused on machine learning and AI, building knowledge through hands-on projects and documentaries.

EXPERIENCE

- performed exploratory data analysis (EDA)

PROJECTS

Heart Failure Prediction

github.com/Wayn-Git/Heart-Failure-Prediction

- Built a machine learning model to predict the likelihood of heart failure based on clinical patient data. Applied logistic regression, random forest, and other supervised learning techniques. Performed feature selection, data preprocessing, and model evaluation using metrics like accuracy and ROC-AUC.

Cat & Dog Image Classification

github.com/Wayn-Git/CatvsDog

- Developed a convolutional neural network (CNN) using TensorFlow and Keras to classify images of cats and dogs. Utilized image augmentation, dropout, and pooling techniques to improve model generalization. Achieved strong accuracy on a validation set with minimal overfitting.

Iris Flower Classification

github.com/Wayn-Git/Iris-Flower-Classification

- Implemented a basic classification model to predict iris flower species using petal and sepal measurements. Explored multiple algorithms such as k-NN and decision trees using scikit-learn. Visualized data patterns and decision boundaries to understand model behavior.

EDUCATION

Diploma in Artificial Intelligence and Machine Learning

Rajarambabu Institute of Technology • Pune Maharastra • 2001 • Percentage: 78.9, GPA: 8.1

CERTIFICATIONS

Introduction to Artificial Intelligence

Self-learned via online resources • 2025

- Covers foundational AI concepts such as search algorithms, machine learning basics, and intelligent systems. Built understanding for project-based applications in ML

Prompt Engineering Fundamentals

Self-paced certification • 2025

- Self-taught fundamentals of communicating effectively with large language models (LLMs). Practiced creating efficient prompts for coding, content generation, and debugging

INVOLVEMENT

Programmer

Machine Learning Hackathon

- performed exploratory data analysis (EDA)
- Devised a comprehensive strategy to boost productivity, achieving significant improvements across multiple departments.

SKILLS

Languages: Python, JavaScript, Java, C , SQL, HTML, CSS

Libraries & Frameworks: NumPy, pandas, scikit-learn, Matplotlib, Seaborn, ydata-profiling, TensorFlow, React js, Tailwind

Tools & Platforms: VS Code, Git/GitHub, Google Colab, Jupyter Notebook, MySQL