

Joyline Dsilva

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Summary

I am currently pursuing a Bachelor's degree in Artificial Intelligence and Machine Learning (B.E. AIML) and am in my final year of studies. I have a strong foundation in Python, Machine Learning, and I am passionate about applying AI & ML to solve real-world problems. With hands-on experience in projects like AI-powered plant care systems, game development, and web applications, I am eager to gain professional exposure, enhance my skills, and contribute effectively in the field of Artificial Intelligence and Machine Learning.

Education

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|--------------------------------------------------------------------------------|---------|
| SSLC, St Francis English Medium School, Mudarangadi | -2020 |
| 81.44% | |
| Pre University, Nitte Sam PU College, Nitte | -2022 |
| 81.83% | |
| B.E in Artificial Intelligence and Machine Learning, PA College of Engineering | Present |
| 8.83 CGPA | |

Skills

Programming Languages : Python, C

Data & Analytics Tools : Power BI, Tableau, Microsoft Excel

Databases : MongoDB

Development Tools : VS Code, Web Development

Other Skills : Problem Solving , Team Collaboration

AI & Machine Learning : Artificial Intelligence, Machine Learning

Projects

Smart Indoor Plant Care System Using Computer Vision and Deep Learning

Built an AI-powered system that monitors the health of indoor plants using computer vision and ML. It analyzes plant conditions in real time and gives care suggestions. Used image processing, classification models, and Python frameworks for implementation.

Endless Run (Python, Pygame)

Created a 2D endless runner game in Python with smooth gameplay. Added features like obstacle avoidance, scoring system, and increasing difficulty levels.

Object Detection and Tracking (YOLO, SORT, OpenCV)

Developed a real-time object detection and tracking system using YOLO and Deep SORT. Integrated OpenCV to process live video and display object IDs.

Language Translator Web App (Flask, Python, HTML/CSS)

Built a web app that translates text between multiple languages. Designed a simple and clean interface and integrated translation APIs for accurate results.

AI Chatbot for Sales & FAQs

Created a chatbot that can answer customer FAQs and assist with sales queries. Used NLP techniques to understand user input and generate proper responses.

Certifications

- Deloitte Australia-Data Analytics Job Simulation
 - Machine Learning For All
 - Natural Language Processing using Python
 - Big Data Emerging Technologies
 - Explore Machine Learning using Python
 - GirlGeek Hackathon Certificate
 - CodeMeet Hackathon Certificate
 - Certified in C Programming
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Languages: English, Hindi, Konkani, Kannada