MANOJ B

📞 6361942749 ✉ manojb2654@gmail.com in manojb26 ⦿ Manoj-B-26

👤 ABOUT ME

Passionate and detail-oriented artificial intelligence and data science undergraduate, seeking opportunities to apply my skills in real-world projects, solve business problems using technology, and contribute to impactful innovations.

🎓 EDUCATION

BE in Artificial Intelligence and Data Science
K. S. School Of Engineering and Management
CGPA: 8.7

Pre-University
Jyothy Kendriya Vidyalaya PU College
Percentage: 67.83%

School
Macaulay High School
Percentage: 8.68%

💼 EXPERIENCE

Infosys Springboard   OCTOBER - DECEMBER 2024
AI Intern

- MelanoAI : Intelligent Skin Cancer Screening
- Enhanced my skills in Python and deep learning frameworks like TensorFlow/Keras.
- Gained expertise in exploratory data analysis (EDA) for medical image datasets.
- Worked on training, validating, and optimizing deep learning models to achieve better accuracy.

IBM SkillsBuild Platform   JUNE - JULY 2025
AI&ML Intern

- Built a salary prediction model using Random Forest.
- Performed EDA and feature engineering to improve accuracy.
- Developed a Streamlit web app for interactive predictions.
- Tuned model parameters and deployed an end-to-end ML solution.

🏅 CERTIFICATIONS

Python for Data Science - NPTEL

Computer Vision - NPTEL

AI Primer Certification - Infosys Springboard

Python Foundation Certification - Infosys Springboard

Python Data Analytics - Mevi Technologies

Applied Artificial Intelligence - TechSaksham

Human Computer Interaction Certification - NPTEL

🈯 LANGUAGES

English, Kannada, Hindi, Tamil, Telugu

💡 PROJECTS

Real-Time Sign Language Translator

- Built a MediaPipe + LSTM-based system for real-time sign language recognition.
- Enabled translation of hand signs to text, forming complete sentences for communication.
- Designed a frame-by-frame prediction pipeline for live camera feed processing.
- Advanced accessibility by delivering an AI-powered assistive communication tool.

Next-Gen Attendance System

- Developed a web-based attendance management system.
- Implemented QR code scanning and facial recognition for automated identity verification.
- Integrated attendance logging into Excel sheets, reducing manual tracking errors.

AAROHANA 2025 – College Fest Website

- Designed and deployed a responsive, dynamic website using HTML, CSS, and JavaScript.
- Integrated event schedules, registration forms, and gallery features for seamless user experience.
- Hosted on Render, ensuring high availability and accessibility for students.
- Improved event registrations and participation through optimized UI/UX design.

◎ SKILLS

Programming Languages: Python and C
Web Development: HTML, CSS, React.js, Flask, Streamlit
Machine Learning / AI: Pandas, NumPy, Scikit-learn, TensorFlow, Keras, MediaPipe, OpenCV
Data Science: Exploratory Data Analysis (EDA), Feature Engineering, Data Visualization
Databases: MySQL, MongoDB
Version Control & Tools: Git, GitHub, Jupyter Notebook, VS Code
Soft Skills: Problem-Solving, Communication, Teamwork, Leadership

🎮 EXTRACURRICULAR

CLUBS
IEEE Communications Society - Chair
Department Technical Club - President
Rotaract Club Of KSSEM - Secretary

SPORTS
Badminton
Chess