

MANJUNATH V POOJARI

Data Science & Machine Learning Analyst

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Shivamogga, Karnataka, 577225, India

Ambitious Data Science Fresher with a strong foundation in Machine Learning, Statistical Analysis, Deep Learning, and Natural Language Processing. Proficient in Python, eager to leverage proven collaborative skills and enthusiasm for data in a dynamic, growth-oriented organization.

Work Experience

TECHNICAL EVENTS

Present

ACTIVE IEEE member

FRONTEND WORKSHOP INSTRUCTOR

HACKATHON PARTICIPANT (CTRL+ALT+COMPETE)

STATE LEVEL HACKATHON PARTICIPANT (HACKYUGMA)

- Spearheaded HireXperience and optimized operational efficiency for Anveshana 2025, coordinating participant engagement and seamless event execution.
- Executed a frontend workshop, achieving strong participant satisfaction scores.
- Collaborated in an intensive 12-hour IEEE Hackathon in Bangalore, demonstrating teamwork and technical execution.
- Competed in Hackyugma 2k25, a 24-hour state-level hackathon, developing innovative solutions under tight deadlines.

Projects

Smart Waste Management System

Mar 2025 - Apr 2025

Designed a Smart Waste Management System employing a Machine Learning approach to analyze data and predict optimal recycling actions. Utilized XGBoost, Random Forest, and SVM algorithms for predictive modeling.

Bengaluru Flood Risk Dashboard

Jun 2025 - Jun 2025

Developed a Bengaluru Flood Risk Dashboard leveraging Streamlit, Folium, and Random Forest during a 12-hour hackathon, for data-driven risk visualization.

YouTube Summary Generator

May 2025 - May 2025

Developed a YouTube video summary generator utilizing Streamlit for the interface and Google API for extracting and summarizing video transcripts.

Carbon FootTracker

Present

Engineering a carbon footprint tracker leveraging a Regression model for CO₂ emission estimation from travel and diet data. Implementing Streamlit for intuitive user interaction and data visualization.

Enterprise Website Auditor

Aug 2025 - Aug 2025

Engineered a website auditor within a 24-hour state-level hackathon, utilizing tech skills. Demonstrated rapid prototyping and deployment capabilities by delivering a functional outcome.

Melanoma Cancer Detection using Deep Learning and Image Processing

Aug 2025 - Present

Implementing a Convolutional Neural Network (CNN) for a mobile deployment solution aimed at enhancing the accuracy and speed of early cancer detection (melanoma).

Core Skills

Java, Python, C , HTML, CSS, JavaScript, TensorFlow, Scikit-learn, Power BI, Flask, Vercel, Streamlit, Pandas, Machine Learning, Data Science, Node.js, React.js, MySQL

Education

JAWAHARLAL NEHRU COLLEGE OF ENGINEERING

Nov 2022 - Present

B.E. Computer Science
GPA: 9.3/ 10.0

DVS PU INDEPENDENT COLLEGE

Sep 2020 - Sep 2022

12th PCMB
GPA: 95.0%

SWAMY VIVEKANANDA ENGLISH HIGH SCHOOL SHIVAMOGGA

Jun 2019 - May 2020

10th
GPA: 98.0%

Languages

Kannada (*Native*), English (*Professional*), Hindi (*Conversational*)

Certificates

Data Visualization Virtual Experience: Built Power BI dashboards to optimize supply chain costs in a simulated retail project

Forage

Interests

Ai and ML, Cloud Computing, Web Development, Cricket, Sketches