SAI PRAVEEN KUMMATHI

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🔗 https://portfolio-six-rho-54.vercel.app/

Education

B.Tech CSE(Ai&MI), *Reva University*   2022 – 2026
8.79 Cgpa   Bengaluru, India

Intermediate, *Narayana Junior College*   2020 – 2022
93%   Kurnool, India

SSC, *National English Medium High School*   2019 – 2020
99%   Kanekal, India

Skills

Programming Languages
- Java (Proficient)
- C (Intermediate)
- Python (intermediate)

Soft Skills
- Problem-Solving, Collaboration, Adaptability, Leadership, Communication

Machine Learning & AI
- TensorFlow,Keras
- OpenCV,NLP

Web Development
- Java Full Stack (Spring Boot, Hibernate, Maven, MySQL, React.js)
- RESTful APIs
- Git & GitHub (Version Control)

Projects

Hyperspectral Image Classification (Research Project - ISRO Collaboration),
Spectral–Spatial Classification of Hyperspectral Images
- Designed an ensemble deep learning model for classifying hyperspectral images.
- Achieved **93% accuracy** in classifying land cover objects (e.g., rooftops, water quality) using spectral-spatial fusion.

Sentiment Analysis using NLP, *Analyzing Opinions and Feedback with Machine Learning & NLP*
- An NLP-based project that classifies text into multiple emotions such as happy, sad, angry, and more for fine-grained sentiment analysis.
- Achieved **85% accuracy** in analyzing user reviews and classifying sentiment.

Skin Disease Detection System, *Convolutional Neural Network for Multi-Class Skin Disease Classification*
- Developed a deep learning model using CNN to accurately detect and classify 20 skin diseases.
- Achieved **90% accuracy** in classifying 20 skin conditions and healthy skin.

Social Media Platform (Real-Time Chat Application- working on it),
- Building a social media application with features like real-time chat, image sharing, and voice messages.
- Implementing WebSockets for seamless instant messaging and Firebase for authentication.
- Designing an engaging and responsive UI using React.js, ensuring a smooth user experience.

Certificates

- TATA Job Simulation on Forage (GenAI Powered Data Analytics) ⍈

- Generative Al:Introduction and Applications certificate offered by coursera ⍈

- Big data certificate offered by Infosys Springboard ⍈