Samson Dandin

Aspiring AI/ML Engineer | Deep Learning Enthusiast | Computer Visi

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SUMMARY

Passionate AI/ML engineering undergraduate student with proficiency in Py
HuggingFace. Experienced in developing deployable AI tools used by over
learning fundamentals and real-world application development.

SKILLS

Languages: Python, Java, C, SQL
Frameworks: TensorFlow, Keras, HuggingFace Transformers
Libraries: OpenCV, Scikit-learn, Pandas, NumPy
Tools: Git, Google Colab, Jupyter, VSCode, Docker
Concepts: CNNs, RAG, LLMs, Model Deployment

EDUCATION

B.E. in Artificial Intelligence and Machine Learning
SDM College of Engineering and Technology, Dharwad
Senior Secondary (CBSE), Science Stream
Kendriya Vidyalaya, Dharwad

PROJECTS

Sign Language Interpreter   Mar â
â Designed a CNN-based gesture recognition model with OpenCV, reduci
â Integrated Zoom and TTS APIs, enabling 20+ live gesture-to-speech inte
â Achieved 88% accuracy across 50+ real-time user trials.
Summify: AI YouTube Summarizer   N
â Built an LLM-based summarizer using HuggingFace Transformers and F
â Reduced content length by 78% while retaining key points, improving vie
â Added question-answering module, increasing user interaction by 60%.

ACADEMIC ROLES

Computer Vision Developer â Sign Language Project
â Led model training and gesture detection logic, reducing latency by 30%
â Integrated end-to-end inference pipeline across Zoom API and speech n
LLM Workflow Designer â Summify Project
â Developed NLP logic with HuggingFace pipelines, enhancing summary
â Deployed app backend and APIs for smoother cross-platform usage.

CERTIFICATIONS

â Oracle Cloud AI Foundations Associate â Oracle (2025)
â Cloud Technologies â Infosys Springboard (2025)
â Explore ML with Python â Infosys Springboard (2024)
â Programming in Java â Infosys Springboard (2024)