DAYANAND M K

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ABOUT ME

A driven and enthusiastic person, always ready to learn new things and take on any challenges. Quick to pick up new tools and comfortable working with a team to get things done. Looking for a chance to grow my skills and give my best to the organization's success.

EDUCATION

B.E., CSE (Artificial Intelligence & Machine Learning) — *Expected 2027*
Vel Tech High Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Chennai — *CGPA: 6.75*

Higher Secondary Certificate (Class XII) — *2023*
Kamlavati Senior Secondary School, Sahupuram — *65.4%*

Secondary School Certificate (Class X) — *2021*
Kamlavati Senior Secondary School, Sahupuram — *65.8%*

PROJECTS

MSentinel AI — Enterprise Document Audit Platform | live demo: https://msentinel-ai.streamlit.app/

Tech Stack : *Python, Streamlit, SpaCy, ChromaDB, RAG, HuggingFace*
A document platform that finds what's hiding in your files before it becomes a problem and lets you chat your way to the answer.

SentimentX — Multimodal AI Emotion Recognition

Tech Stack : *Python, PyTorch, TensorFlow, OpenCV, NLP*
An emotion-reading system that understands you the way a person would, only faster.

AgroSage AI — Crop Advisory Platform | Live demo: agrosage-ai-1045649332725.us-central1.run.app

Tech Stack : *Python, FastAPI, React, Random Forest, Docker*
A crop advisory platform that helps farmers grow smarter, not harder.

INTERNSHIP EXPERIENCE

Machine Learning Intern — Technex'25 / EISystems Technologies — *Oct – Nov 2025*

Built a Random Forest model for area-based house price prediction and delivered a full project report.

Software & AI Systems Intern — TVM Signalling & Transportation Pvt. Ltd., Chennai — *Jun – Jul 2025*

Contributed to safety-critical railway signalling software; applied computer vision to real-time interfaces and sensor-data pipelines.

AI/ML Engineer Intern — Edunet Foundation (AICTE) — *Feb – Apr 2025*

Independently built and deployed a full-stack CNN classifier (38+ crop disease classes) end-to-end, achieving 92% accuracy.

Python & AI/ML Intern — Main Flow Services & Technologies — *Jul – Sep 2024*

Built a calculator application, USD currency convertor, GUI based billing software; published documented code to GitHub.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, SQL (MySQL).
AI / ML & NLP: TensorFlow, PyTorch, Keras, Scikit-learn, CNN, Transfer Learning, NLP, OpenCV, Pandas, NumPy.
Software & Deployment: System Design, Streamlit, Docker, Google Cloud Run, ChromaDB, RAG, Vercel.
Tools: Git, GitHub, VS Code, Jupyter Notebook, Power BI.

PROFESSIONAL SKILLS

Team Work, Leadership, Time Optimization, Self-Learning, and Adaptability.

CERTIFICATIONS

Google for Developers — Build with AI Agent Camp (AI Agents, GCP) — *May 2026*
Infosys Springboard — NLP Using Python | Introduction to Data Science — *2026*
AICTE Internship — AI for Sustainable Agriculture, Edunet Foundation — *Apr 2025*
HackerRank – Python (Basic) Certification — *Jun 2025*
HackerRank – SQL (Basic) Certification — *Jun 2026*