

MONISH V

AI & Full-Stack Developer

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TECHNICAL SKILLS

- **Languages:** Python, Java, C++, SQL
- **AI/ML:** TensorFlow, PyTorch, OpenCV, Scikit-learn, GANs, NLP
- **DevOps:** Docker, Kubernetes, Jenkins, Git, Terraform, Ansible
- **Cloud & DB:** AWS, Azure, Oracle, MySQL, RDBMS
- **Web:** Node.js, React (Basics), HTML5, CSS3, JavaScript

EDUCATION

B.Tech, Computer Science

SRM Institute of Science and Technology
2022 – Present

CERTIFICATIONS

- NVIDIA (Deep Learning)
- AWS (Artificial Intelligence)
- Fortinet (Cybersecurity)
- CISCO (Networking Basics)
- NPTEL (Java, ML, Data Science)

LANGUAGES

- English (Fluent)
- Tamil (Fluent)
- Malayalam (Fluent)
- Hindi (Conversational)

INTERESTS

Reading novels and building practical projects to solve day-to-day problems.

PROFESSIONAL SUMMARY

Computer Science student with hands-on experience in developing and deploying AI/ML models and full-stack applications. Proven ability to architect solutions from concept to deployment, with a strong focus on computer vision, deep learning (GANs, CNNs), and DevOps practices (Docker, CI/CD). Seeking challenging opportunities to apply problem-solving and analytical skills to build efficient, scalable, and intelligent systems.

EXPERIENCE

AI & ML Developer (Internship)

2024

Samsung PRISM Initiative [\(View Proof\)](#)

- Developed an AI-based reverse prompt generator, combining computer vision and NLP to analyze images and produce relevant text prompts.

Community Volunteer

2024

Environmentalism Foundation of India (EFI) [\(View Proof\)](#)

- Contributed to multiple beach and lake clean-up drives and supported public awareness campaigns on sustainable practices.

KEY PROJECTS

Dragon Proctor – AI-Based Proctoring 🌀

2024

Engineered an AI-driven online proctoring system that monitors students using real-time face detection and behavioral analysis to ensure exam integrity.

Smart Attendance System 🌀

2025

Built an automated attendance system using Python and OpenCV facial recognition to streamline classroom tracking. **(Achieved 99.7% accuracy)**

Landslide Detection Model 🌀

2025

Developed and trained a deep learning model to detect and predict landslides from satellite imagery. **(Achieved 91.45% accuracy)**

Medical Image Enhancement using GANs 🌀

2025

Utilized Generative Adversarial Networks (GANs) to improve the quality and clarity of medical images (X-rays, MRIs) to assist in accurate diagnoses.

Real-Time Facial Emotion Recognition 🌀

2024

Developed software using Python, OpenCV, and TensorFlow to detect and classify human emotions from a live video feed. **(Achieved 88% accuracy)**

API-Forge: No-Code Backend 🌀

2025

Architected a no-code backend solution to simplify and accelerate API creation, demonstrating strong full-stack and system design principles.