

Monish V

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PROFILE SUMMARY

Innovative and driven Computer Science student with a passion for developing intelligent systems and robust software solutions. Specialized in AI/ML, cloud infrastructure, and DevOps methodologies. Proven ability to lead projects from concept to deployment, with a strong focus on creating efficient, scalable, and impactful applications. Eager to apply my skills to solve complex challenges in a dynamic tech environment.

WORK EXPERIENCE

AI Reverse Prompt Generator – Samsung PRISM Initiative Remote

- Engineered an AI-powered tool that analyzes images to generate contextually relevant text prompts.
- This project honed skills in computer vision (CV) and Natural Language Processing (NLP), from image preprocessing to model integration.

EDUCATION

SRM Institute of Science and Technology Chennai, India

Bachelor of Technology in Computer Science

PROJECTS

Dragon Proctor: AI-Powered Online Proctoring System

- Architected an AI-driven solution to uphold academic integrity in remote examinations.
- Leverages computer vision for real-time facial detection, gaze tracking, and environmental analysis to automatically flag potential malpractice.

Medical Image Segmentation for Bone Fracture

- Utilized Generative Adversarial Networks (GANs) to develop a model for segmenting bone fractures in medical imagery.
- Focused on improving diagnostic accuracy by automatically isolating and highlighting fracture areas.

API-Forge: No-Code Backend Solution

- Developed a versatile, no-code backend solution to simplify the creation and management of APIs, accelerating the development lifecycle.

Smart Attendance System

- Built an automated attendance system using facial recognition with OpenCV and ML algorithms to streamline classroom management.

TECHNICAL SKILLS

Languages:	Python, Java, C++, SQL, HTML/CSS, JavaScript
Frameworks & Tools:	TensorFlow, OpenCV, Keras, Scikit-learn, GANs
Cloud & DevOps:	AWS, Azure, Docker, Kubernetes, CI/CD

VOLUNTEER EXPERIENCE

Community Volunteer Environmentalist Foundation of India (EFI)

- Contributed to a month-long environmental conservation initiative, participating in clean-up drives, plantation efforts, and public awareness campaigns.

LANGUAGES

Malayalam:	Native
English:	Fluent
Tamil:	Fluent
Hindi:	Conversational