

NILESH MOKATE

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PROFILE

Enthusiastic and goal-oriented Artificial Intelligence and Machine Learning student with experience in real-world projects involving medical imaging, frontend development, and marketing strategy. Strong in Python, C++, and R, with a passion for blending tech and innovation to solve real-world problems.

EDUCATION

Sanjivani College of Engineering, Kopergaon

B.Tech in Artificial Intelligence and Machine Learning

2024 – Present

EXPERIENCE

Intern – TwinsisTech

Aug 2024 – Present

- Contributed to the development of **TwinsDoc**, a smart health consultation system.
 - Created a model for **automated bone fracture detection** using deep learning.
 - Worked in the **marketing team** to strategize outreach and brand visibility campaigns.
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SKILLS

- **Programming:** Python, C++, R, HTML, CSS, JavaScript(learning)
- **Tools/Frameworks:** FlutterFlow, Git, VS Code, Figma, Replit
- **AI/ML:** CNNs, Hyperspectral Imaging, Medical Imaging, Plant Disease Detection
- **Soft Skills:** Leadership (CR), Communication, Team Collaboration

PROJECTS

- **TwinsDoc – HealthTech Chat System:** AI-powered consultation system with doctor, patient, and pharmacy integration.
- **Automated Bone Fracture Detection:** A CNN-based model trained to detect fractures in X-ray images.
- **Cancer Skin Detection (Ongoing):** Using **hyperspectral imaging** for early skin cancer detection.
- **Stock Market Prediction:** Developed a web-based app for predicting stock prices using ML algorithms.
- **Home Leasing Platform (In Progress):** A platform for simplified house rental and leasing.
- **AI Crop Disease Detection:** CNN model trained with the PlantVillage dataset for crop health analysis.
- **Basketball Community App:** Connects players, coaches, and nearby courts/tournaments.

EXTRACURRICULAR

- Class Representative, Sanjivani University
- Intercollege Basketball Player