

Srinidhi Martha

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PROFESSIONAL SUMMARY

A dynamic Computer Science undergraduate having a strong foundation in app development and front-end design, with a passion for blending creativity with technology.

I am driven by a curiosity for cutting-edge advancements in AI and machine learning, striving to solve real-world challenges through innovation. I actively seek opportunities to work on hands-on projects that enhance my technical expertise and push the boundaries of my skill set.

EDUCATION

Neil Gogte Institute of Technology

Bachelor's of Engineering
2023 - 2027

SKILLS

Programming Languages:

- C, C++ (Data Structures & Algorithms)
- Python (Object-Oriented Programming)
- Kotlin (Mobile App Development)
- Java (Object-Oriented Programming & Data Structures)

Web Development:

- Frontend Development: HTML5, CSS, JavaScript, Bootstrap
- Frameworks & Libraries: Bootstrap, Tailwind CSS, React.js

Machine Learning & Deep Learning

- Deep Learning: Convolutional Neural Networks (CNN), Model Training & Evaluation, Image Classification
- Machine Learning: Data Preprocessing, Feature Engineering

Version Control & Tools:

- Git, GitHub
- Figma (UI/UX Design)

PROJECTS

CNN based Lake Water Quality Estimation using satellite images

- Developed a Deep Learning system using Convolutional Neural Networks (CNN) for satellite imagery analysis, achieving over 90% accuracy in binary water quality classification (good/bad) to support environmental monitoring.

Personal Portfolio Website

- Designed a responsive portfolio website with React.js and Tailwind CSS, featuring smooth navigation and interactive animations.

DhoniVerse: Responsive Webpage

- Created a responsive webpage about MS Dhoni using Bootstrap, with sections for book details and reviews, ensuring seamless user experience across devices.

Weather Widget

- Built a dynamic weather widget using React.js and Bootstrap, fetching real-time weather data and adapting the interface to conditions like sunny or rainy for an engaging user experience.