

Nakul Makode

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Profile

Dynamic and solution-driven Computer Science Engineering student with a strong foundation in front-end development. Skilled in creating seamless user experiences with a focus on UI/UX principles. Proficient in database management and knowledgeable in deep learning concepts. Strong problem-solving abilities, good communication skills, and a collaborative team player. Adaptable, with a passion for continuous learning and a keen ability to drive meaningful innovation. Passionate about leveraging technology to address real-world challenges and deliver impactful solutions.

Experience

MACHINE LEARNING INTERN | INFOSYS SPRINGBOARD | OCTOBER 2024 – DECEMBER 2024

- Developed and deployed a **real-time face recognition system** using **CNN** and **pre-trained models**, achieving above **90%** accuracy.
- Implemented face detection with **MTCNN**, recognizing up to 5 users simultaneously with high accuracy.
- Designed a UI with **Streamlit**, enabling more than **100 new user** registrations and seamless interaction.
- Maintained a scalable **SQLite3 database**, managing over **1000 user records** with efficient retrieval and storage mechanisms.

Projects

ENHANCING NAVIGATION FOR RAILWAY STATION FACILITIES AND LOCATION | AUGUST 2024 – SEPTEMBER 2024

- Designed a web-based navigation system for railway station facilities, reducing navigation time by **30%** and achieving **over 95%** route accuracy.
- Developed an interactive map for over **100 stations** using Leaflet.js and OpenRouteService API, enabling real-time navigation.
- Integrated Google Geocoding and AR.js for augmented reality navigation, delivering real-time directions via a mobile camera.

Education

B. TECH IN COMPUTER SCIENCE AND ENGINEERING | 2022 - 2026 | RAMDEOBABA UNIVERSITY, NAGPUR | CGPA : 9.30

HIGHER SECONDARY SCHOOL (XII) | 2020 - 2022 | TAYWADE COLLEGE, NAGPUR | GRADE: 89%

Technical Skills

- C++, Python, Java
- React, HTML, CSS, JS
- Node.js, Express.js
- MySQL, MongoDB
- Git/GitHub
- TensorFlow, Keras, PyTorch, Scikit-Learn