

Rural Health Care Monitoring and Emergency Ventilation System

Email: | Mobile: [289733207](tel:289733207)

EDUCATION

- High School: Baranagar Narendranath Vidyamandir | Science | Score: 80.71 | 2019-2021
 - UG: Narula Institute of Technology | Electronics and Communication Engineering | Score: 8.43 | 2021-2025
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SKILLS

- Node
 - python
 - C
 - C++
 - Java
 - Html
 - Css
 - JS
 - React js
 - Next Js
 - ML
 - DL
 - Git
 - Github
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EXPERIENCE

- **Machine Learning Intern (Suvidha Foundation):** Here I build some stunning projects on Machine Learning and data Science, Like Social Media Sentiment Analysis Etc
 - **Graphics Design Intern (Asiana Times):** Aware about the graphical content use in a news agency. Created info graphical content, illustration for social media
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PROJECTS

- **Blog Automation Pipeline:** Developed an AI-powered application that automates topic selection, content creation, and image sourcing using Google's Generative AI and Unsplash API also used medium and hasnode api to post them publicly. Implemented seamless integration with Hashnode API for automatic publishing and utilized GitHub Actions for scheduled, hands-free content updates.
 - **Rural Health Care Monitoring and Emergency Ventilation System:** Implemented a system to collect vital health parameters (blood oxygen level, heart rate, ECG) using sensors, and transmitted data securely via FastAPI and Node MCU. Developed advanced health analytics features using XGBoost for stress level calculation and IR diodes for noninvasive glucose prediction, enhancing preventive healthcare. Created user profiles with secure login via SMTP, and visualized health data using Chart.js, providing clear insights into health trends and facilitating continuous monitoring
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ACHIEVEMENTS

- Postman Student Expert
 - IIT Madras Campus Ambassador
 - H4B 3.0 core member
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OTHER ACTIVITIES

I like to sleep and also want to play cricket the most, I am a photographer and like to to capture the urban moments.