UPPALA KIRTANA

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○ https://github.com/Uppala-Kirtana

PROFILE

Motivated and passionate Final Year B.Tech Student seeking a challenging position to utilize and enhance my skills in a dynamic work environment. Committed to delivering high-quality, user-friendly applications, I bring a strong foundation in Frontend technologies, Data Science and AI/ML. I am willing to learn and adapt to new technologies. Eager to contribute to a team and contribute to the success of projects.

EDUCATION

B.Tech in Information Technology   2020 – Present
Jawaharlal Nehru Technological University-Gurajada, Vizianagaram   Vizianagaram, India

- Relevant Coursework: Data Structures and Algorithms, Database Systems, Operating Systems, Computer Networks, Machine Learning
- CGPA: 8

Intermediate Education   2018 – 2020
FIITJEE Visakhapatnam   Visakhapatnam

- CGPA: 9.3

PROFESSIONAL EXPERIENCE

Frontend Developer
Jawaharlal Nehru Technological University - Gurajada, Vizianagaram

- Working on developing a website for our college using the React framework, ensuring seamless user experiences and optimal performance.
- Collaborating with cross-functional teams to implement UI/UX designs.
- Implementing responsive layouts and interactive components to enhance user engagement and improve overall website functionality.

Research Intern
National Institute of Technology, Warangal

- Conducted research on personalized ECG arrhythmia detection without need for user-specific abnormal heartbeats.
- Improved arrhythmia classification accuracy from 93.6% to 97.4% on MIT-BIH benchmark ECG dataset.
- Research enables energy-efficient, low-cost, highly accurate ECG monitoring system for wearable sensors.

SKILLS

- HTML
- CSS
- JAVASCRIPT
- REACT
- PYTHON
- SQL
- JAVA
- GITHUB

COURSES

DIAT Online Certification Course on AI/ML   05/2023 – present
Defence Research and Development Organisation

Online B.Sc Degree in Programming and Data Science   10/2020 – 05/2023
Indian Institute of Technology Madras

Machine learning and Artificial Intelligence   05/2023 – 08/2023
PREPINSTA

Introduction to HTML5   08/2020 – 10/2020
COURSERA