Mr.Madhu Koilakonda

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Experience

- Full Stack Developer Trainee | HeroVired Company [April 2023 - December-2023]
- Engaged with web technologies to develop Library management systems.
- Demonstrated proficiency in Web development, contributing to innovative projects.
- Received mentorship from industry experts, advancing skills in frontend and backend frameworks.
- Actively participated in collaborative team environments by various assignments.

SKILLS

- **TECHNICAL SKILLS |** Python, Java ,machine learning , Expressjs, Nodejs
- **FRONTEND SKILLS |** HTML, CSS, React, React Native
- **BACKEND SKILLS |** Mongo Db, DBMS, SQL, API ,Javascript
- **SOFT SKILLS |** Team Player, Problem Solving.
- **OTHER TECHNOLOGIES |**

PROJECTS

Deep Learning Advancements in Voice Emotion Recognition with Neural Networks (published in StandResearch)

- Integrated ADRNN, MFCC, MER, SVM, and CNN with deep learning models for emotional speech recognition. RAVDESS and IEMOCAP datasets, ensuring comprehensive training and testing.
- This approach enabled the creation of a system capable of analyzing and recognizing emotional speech patterns with high accuracy

Library Management System MERN STACK

- Developed a library management system using React for frontend design, Node.js and Express.js for backend logic, and MongoDB for database management.
- My responsibilities involved in designing MongoDB schema and connecting cloud databases, ensuring data safety optimize queries, and maintain data integrity and security for enhanced application performance

Weather forecast

- Created a weather forecast web app with HTML, CSS, and JavaScript, integrating OpenWeather API for real-time data retrieval.
- Designed a responsive UI for weather information display, focusing on user experience and accessibility.

Portfolio

you can vist my portfolio for all the 100+ projects detail's in ->**https://madhuveer.netlify.app**

Publications

Deep Learning Advancements in Voice Emotion Recognition With Neural Networks
published paper on my academic project in strad Research
Quantum Computing in sigma 2k24
published paper is sigma 2k24 national level technical symposium
on Quantum Computing

Certifications

- MICROSOFT AZURE fundamentals
- "Geospatial Technology for Climate Smart Agriculture" BY **ISRO**
- cybesqurity by PaloAlto Networks
- Fundamentals of DIGITAL MARKETING BY **GOOGLE**
- NPTEL certification on SOFT SKILLS
- NPTEL Internet of things
- Python essentials by cisco
- Networking Essentioal by cisco
- RED HAt system Adminstration I & II
- Robotic Process Automation(RPA) By Blue Prism

Badges

 https://www.credly.com/users/madhu-koilakonda.9fdacebe

Internships

- AI ML virtual Amazon Web Services internship by EduSkills AICTE
- Robotic Process Automation(RPA) by Eduskills AICTE
- Cloude Computing in Amazon Web Services by Eduskills AICTE
- Java full stack developer in brain o vision
- Campus Ambassador for E-cell IIT bombay
- Campus Ambassador for APOGEE BITS pillani
- Campus Ambassador for Volunteering - Daan Utsav TEAM EVEREST

Scholarship

- APPWA Merit Scholarship for high school
- APPWA Merit Scholarship for Degree

Achivements

- Runner in Sigma-2k24 paper presentation
- global science olympiad by UNESCO

Coding Platforms

- **leetcode** 550+ problems sloved in DSA 1330 rank world wide
- **Hackerearth** 50+ problems sloved
- **Hackerrank** 100+ problems sloved in pyhton, java, problem sloving

EDUCATION

B.TECH

COMPUTER SCIENCE ENGINEERING

Rajeev Gandhi Memorial Collage of Engineering and Technology   2020 - 2024

INTERMEDIATE   2018 - 2020

Sri chaitanya junior college

S.S.C   2018

Keshava Reddy Public School