

# 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, c, c++ ,C#
- **FRONTEND SKILLS** | HTML, CSS, React, React Native
- **BACKEND SKILLS** | Mongo Db, DBMS, SQL, API, Javascript, Nodejs, php
- **SOFT SKILLS** | Team Player, Problem Solving.
- **OTHER TECHNOLOGIES** | AWS cloud computing, AI ,Cyber Security, RED HAT, Android

## 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 20+ 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 Essential by cisco
- RED HAT system Administration 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

Keshava Reddy Public School

2018