

MALLIKHARJUN REDDY CHILUKURI

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Profile

Motivated and enthusiastic recent graduate seeking an entry-level position to apply my abilities and contribute to the organization's success.

Education

2020 – 2024	Bachelor of Technology in Electronics and communication Engineering
Mylavaram, India	<i>Lakireddy Bali Reddy College of Engineering</i>
2018 – 2020	Intermediate
Guntupalli, India	<i>Sri Gayatri Junior college</i>
2018	SSC
Mylavaram, India	<i>S.T MARY'S High School</i>

Skills

- **Programming Languages** : C, C++, Python(basics), Java(basics)
- **Microsoft Office** : Word, Excel, Power point, Outlook
- **Tools Used** : Cadence, Ansys HFSS, Arduino IDE.
- Hands on Experience in MATLAB and LINUX.

Projects

IMPLEMENTATION AND ANALYSIS OF 6-TRANSISTOR SRAM CELL

The analysis of the 6-transistor SRAM using Cadence software in the 45-nanometer technology generation reveals important insights into power consumption, delay characterization, and layout design.

STUDENT DATABASE MANAGEMENT AND BASIC BANKING SYSTEM

The **Student Database Management System** in C++ handles student records efficiently, allowing for data creation, access, update, and deletion with robust validation and file storage. The **Basic Banking System** in C implements account management and transaction history using linked lists and dynamic memory.

DESIGN AND ANALYSIS OF DUAL BAND PATCH ANTENNA USING FOR WIRELESS APPLICATIONS.

Microstrip antenna is the main key building for wireless communication. The proposed antenna is suitable for wireless applications such as X-band (8-12GHz).

GAS LEAKAGE DETECTOR

Many accidents occur in day-to-day life like explosions because of LPG leakage. A Prototype model is implemented to continuously monitor the level of LPG gas present in the air.

Certifications

- Completed the Soft Skills course by Step by HINDU (The Hindu Group).
- Career Essentials in Software Development by Microsoft and LinkedIn.
- Career Essentials in Generative AI by Microsoft and LinkedIn.
- Participated in a Gesture controlled Robot workshop in National Technical and Cultural FEST organized by Jawaharlal Nehru Technological University, Kakinada.

Internships

- INTERNET OF THINGS(IOT), SRC e-solutions, Vijayawada.

- CISCO-AICTE Virtual Internship Program 2023, Networking Essentials and Packet Tracer.
- VLSI Design for Testability Organized by BIST TECHNOLOGIES PVT.LTD. In Collaboration with APSCHE.

Personal Details

- **Name** : Mallikharjun Reddy Chilukuri
- **S/O** : CH. Lakshma Reddy
- **Permanent address** : 8-155, Kottagudem, Mylavaram Mandal, N.T.R District, A.P-521230.
- **D.O. B** : 02-10-2002.
- **Passport Number** : Y8200334
- **Languages Known** : Telugu, English.
- **Gender** : Male.