

MALLIKHARJUN REDDY CHILUKURI

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Profile

Motivated and enthusiastic recent graduate seeking an Associate Software Engineer position to apply my technical skills and contribute to innovative solutions that drive organizational 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** : Java, C, C++, Python, html, css.
- **Microsoft Office** : Word, Excel, Power point, Outlook
- **Tools Used** : Cadence , Ansys HFSS, Arduino IDE.
- **Version Control:** Git for version control, including branching, merging, and resolving conflicts. Experienced in using Git commands on the command line.
- **Collaboration Platforms:** Skilled in using GitHub for repository hosting, pull requests and collaborative project management.

Projects

DEVELOPED A RESPONSIVE PORTFOLIO WEBSITE USING HTML AND CSS

Created a visually appealing and friendly portfolio to showcase my projects, skills, and professional certifications. Emphasized clean design and optimized layout for seamless navigation across devices.

DEVELOPED A RESTAURANT WEBSITE USING HTML AND CSS

Designed a user-friendly website with an attractive layout to highlight menu items, services, and contact information. Focused on responsive design and intuitive navigation to provide a smooth browsing experience on both desktop and mobile devices.

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 suitable for wireless applications such as X-band (8-12GHz).

GAS LEAKAGE DETECTOR

Many accidents occur in day to day life like explosion 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.
- Learn Programming with Java - An Interactive Way by Infosys Springboard.

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.