

# MALOTHU CHAITANYA

Miryalaguda,Telangana DOB: 17-Mar-2002  
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## EDUCATION

Course	Institute	Year of Passing	Result
Bachelor of Technology (MSE)	IIT Jammu	2024	7.11 CGPA
12th Standard	Narayana Junior College	2019	96.7%
10th Standard	TSTWREIS	2017	87%

## WORK EXPERIENCE

Kollege Apply (Jun 2024 - Jan 2025)  
Freelance Copy/ Content Writer and Digital Marketer

- Collaborated with a team to create SEO-optimized content to enhance search rankings and increase organic traffic
- Conducted thorough keyword research to align content with audience intent and stay current with industry trends
- Utilized meta tags, headings, and internal links to optimize on-page SEO performance
- Analyzed content performance through Google Analytics and made strategic refinements to improve results

IIT Hyderabad (May 2023 - Jul 2023)  
Research Intern

- Conducted extensive research and analysis on Lithium-ion batteries (LiB) recycling
- Gathered and analyzed data from various sources to gain insights on the topic
- Utilized advanced analytics techniques to support research
- Investigated new technologies in LiB recycling
- Authored a research paper on LiB recycling that will be published in a prestigious journal

## PROJECTS

Lane Follower Robot (Aug 2022 - May 2023)  
Project Lead, IIT Jammu

- Designed and developed a line-following robot using Arduino, motors, and IR sensors
- Implemented multiple algorithms for control of the robotics device
- Utilized C++ code on Arduino board for programming
- Utilized serial communication for debugging the device
- Conducted tests on the robot using various line scenarios for evaluation

Hotel Management System (Dec 2022)  
Database Developer , IIT Jammu

- Designed database utilizing MySQL for hotel management system
- Created database tables to manage customer and reservation information
- Developed triggers and stored procedures to automate messaging between the database and user interface
- Tested database performance and replicated with multiple servers for redundancy

## SKILLS

Programming Languages	C/C++, Python, Java
Softwares	MySQL
Operating Systems	Windows
Design	Onshape (CAD)
Web Development	Bootstrap
Relevant Coursework	Computer Networks, Data Structures and Algorithms, Database Management and Systems

## ACHIEVEMENTS

- 1st Position, Ultimate Showdown, Interdepartmental Dance Battle IIT Jammu 2023
- 1st Position, Grove to the Theme, Reano'23 IIT Jammu 2023
- Gold Medal, Tug of War, Pravah'22 IIT Jammu 2022
- 1st Position, State-level Dance Competition, Telangana 2017
- 1st Position, State-level Spell Bee Competition 2017
- 2nd Position, State-level Quiz Competition 2017

## POSITION OF RESPONSIBILITY

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- Part of Mentor ship program in IIT Jammu for 3 years
- Organized dance event Renao'23 at IIT Jammu in March 2023
- Managed solo mic event Renao'22 at IIT Jammu in May 2022
- Contributed to the planning and execution of Technuntus'22 at IIT Jammu in April 2022
- Served as a core member of the Dance Club at IIT Jammu from April 2021 to April 2022