

# CHERRISMAA MUCHARLA

+91 9246244856 | cherrismaa@gmail.com | LinkedIn | Github | Portfolio

## Career Objective

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Motivated and adaptable fresher with expertise in Python, JavaScript and Software development principles. Eager to contribute to impactful projects, learn and grow as a valuable developer in a dynamic, tech-driven environment.

## Education

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<b>Bachelor of Technology in CSE - Internet of Things (IoT)</b> <i>Malla Reddy Engineering College</i>	2020 - 2024 CGPA: 8.45
<b>State Board of Intermediate Education</b> <i>Narayana Junior College</i>	2018 - 2020 CGPA: 9.4
<b>State Board of Secondary Education</b> <i>St. Theresas Girls' High School</i>	2015 - 2018 CGPA: 9.7

## Experience

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**Path Creators | Front-end Developer Intern** May 2024

Designed and managed full-stack project integrating Python and MySQL for robust data handling.  
Led a team of 4, delivering a project 25 percent ahead of schedule with 30 percent improved efficiency.  
Engaged in effective troubleshooting and debugging to ensure seamless performance

## Projects

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**Smart Save Money - HTML, CSS, JavaScript, Bootstrap 5, WhatsApp Integration** June 2025

- Developed a responsive movie ticket discount website with a sleek UI, booking form, and WhatsApp integration for real-time customer interaction.
- Optimized user experience using HTML, CSS, JavaScript, Bootstrap 5 with mobile-first design and clean layout.

**Detection of Heart Stroke using ML - Python** Mar 2024

- Built a ML system achieving 94 percent accuracy for early stroke detection, enabling proactive healthcare decisions and improving patient outcomes.
- Utilized SQL for data manipulation and storage, enhancing model accuracy by 23 percent.
- Applied Naive Bayes, SVM, Decision Tree, and ANN algorithms effectively.

**ID Card Generation - Python** Dec 2023

- Automated ID card generation, enhancing productivity, efficiency by 40 percent using Python and OpenCV.
- Focused on data integrity, system innovation, streamlined software services for any organisation or institution .

**Drowsiness Detection System - Python** Nov 2021

- Designed to detect driver drowsiness through image sequencing and eye detection, with 75 percent accuracy.
- Employed NumPy, Matplotlib, Scikit-Learn, and Pandas to enhance predictive model accuracy by 20 percent.

## Technical Skills

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**Languages:** Python, JavaScript, OOPS

**Technologies:** MySQL, HTML5, CSS3, Git

**Coursework:** Visual Studio Code, Computer Networks, Operating Systems

## Achievements

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- Second place winner in the Vishesh 2021 Project Expo organized by MREC.
- Coordinated Dew Arcade, a game, with 100 percent success at the college event.
- Spearheaded IoT community projects and events with effective management.

## Certifications

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Microsoft Certified : Azure Fundamentals

NPTEL : Fundamental Algorithms - Design and Analysis

Microsoft Certified : Introduction to Python

Cisco : Python essentials