

# CHERRISMAA MUCHARLA

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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Hyderabad, Telangana

## CAREER OBJECTIVE

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A diligent and energetic fresher with a good foundation in Python and front-end development, persuasive and passionate about continuous growth and a strong team player, ready to contribute to a dynamic software development environment

## EDUCATION

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Bachelor of Technology in Computer Science - Internet of Things <i>Malla Reddy Engineering College</i>	2020 –2024 CGPA: 8.45
State Board of Intermediate Education <i>Narayana Junior College</i>	2018 –2020 CGPA : 9.4
State Board of Secondary Education <i>St.Theresas Girls' high School</i>	2015 –2018 CGPA : 9.7

## EXPERIENCE

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**Path Creators** | Remote | Python Full Stack Intern May 2023

Developed and managed full-stack applications using python

Worked with front-end (HTML, CSS, Javascript) and back-end (Python, MySQL) technologies

Led a team of 4, delivering a project 25 percent ahead of schedule with 30 percent improved efficiency

## PROJECTS

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**Detection of Heart Stroke using ML** Python

- Developed an ML system that analyzes data for early heart stroke mitigation with 94 percent accuracy
- 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

- Generating ID cards for registration related tasks or organisations with large data reduces human effort to minimum
- This automation enhances operational efficiency by 72 percent
- Deployment of the Project is on Github

**Smart Lighting** C++ / Sketch

- Created a smart lighting environment with 82 percent energy efficiency, using motion detection and remote control
- Implemented using ultrasonic and LDR sensors with an Arduino-Uno MC
- Project is deployed on Github

**Driver Drowsiness Detection System** Python

- 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
- Project is available on GitHub

## TECHNICAL SKILLS

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Languages : Python, Java, C, Javascript

Technologies : AWS, MySQL, HTML, CSS, Git

## ACHIEVEMENTS

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- Second place, in the Vishesh 2021 Project Expo organized by MREC
- Coordinated Dew Arcade, a game, with 100 percent success at the college event
- Organized and handled projects and project management aspects of IoT community

## CERTIFICATIONS

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[Microsoft Certified : Azure Fundamentals](#)

[NPTEL : Fundamental Algorithms - Design and Analysis](#)

[HackerRank : Python \(Basic\)](#)

[Microsoft Certified : Introduction to Python](#)

[Cisco : Python essentials](#)

[Kaggle : Python fundamentals](#)