CHERRISMAA MUCHARLA

LinkedIn | GitHub

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Career Objective

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

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

Experience

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

Detection of Heart Stroke using ML | *Python* — Sep 2023

- 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* — May 2023

- 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++* — Dec 2022

- 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* — 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
- Project is available on GitHub

Technical Skills

Languages	:	Python, Java, C
Technologies	:	MySQL, HTML, CSS, Git

Achievements

- 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

Microsoft Certified : Azure Fundamentals	Microsoft Certified : Introduction to Python
NPTEL : Fundamental Algorithms - Design and Analysis	Cisco : Python essentials
HackerRank : Python (Basic)	Kaggle : Python fundamentals