

CHERRISMAA MUCHARLA

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

Career Objective

Ambitious Software Developer specialized in JavaScript, Express, RESTful APIs, MongoDB, and secure OTP, email workflows, adept at end-to-end solutions with GitHub CI/CD. Proven record in analytical problem-solving, integrity driven development, and delivering responsive UX that meets SEO and performance benchmarks in agile teams.

Education

Bachelor of Technology in CSE - Internet of Things (IoT) <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

Projects

Enagic India - Full-Stack Website - JS, Node.js, Express, MongoDB, SMTP, REST API, Vite	Jul 2025
<ul style="list-style-type: none">Built and deployed a responsive full-stack web app with dynamic product pages, interactive checkout/contact forms, and OTP-based email verification using Nodemailer and MongoDB for secure data storage.Integrated CI/CD workflows via GitHub, Netlify and Render, managed environment variables, enforced CORS, and ensured SEO-friendly structure and domain-based routing for smooth user and developer experience, maintaining a strong 96/100 Google PageSpeed Insights score for fast-loading user experience.	
Smart Save Money - HTML, CSS, JS, Bootstrap 5, WhatsApp Integration	June 2025
<ul style="list-style-type: none">Designed and developed a full stack movie ticket booking website using JavaScript, HTML, CSS, and Bootstrap. Focused on creating an innovative, responsive UI with WhatsApp integration.Demonstrated strong software development, problem-solving, and end-to-end delivery skills in a fast-paced, user-focused environment.	
Detection of Heart Stroke using ML - Python	Mar 2024
<ul style="list-style-type: none">Built a ML system achieving 94 percent accuracy for early stroke detection, enabling proactive healthcare decisions and improving patient outcomes. Applied Naive Bayes, SVM, Decision Tree, ANN algorithms .Utilized SQL for data manipulation and storage, enhancing model accuracy by 23 percent.	
Smart Lighting - Sketch	Dec 2022
<ul style="list-style-type: none">Engineered an automatic lighting system integrating sensors, algorithms to optimize energy-efficient operations.Emphasized solving real-world problems through innovative hardware, using motion detection and remote control.	
Drowsiness Detection System - Python	Nov 2021
<ul style="list-style-type: none">Developed real-time drowsiness detection app using OpenCV, dlib, EAR to analyze eye movement and fatigue.Integrated alert systems with audio feedback for driver safety, emphasizing software innovation, operational integrity enhanced accuracy by 20 percent.	

Technical Skills

Languages: Python, JavaScript, OOPS

Technologies: MySQL, HTML5, CSS3, Git

Coursework: Visual Studio Code, Computer Networks, Operating Systems

Achievements

- 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.

Certifications

Microsoft Certified : Azure Fundamentals

NPTEL : Fundamental Algorithms - Design and Analysis

Microsoft Certified : Introduction to Python

Cisco : Python essentials