

Gowtham Nukala

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🐾 <https://gowthamnukala.github.io/GowthamNukala-Portfolio/index.html>

Objective

Driven and detail-oriented Web Developer with a strong foundation in front-end and back-end technologies, including HTML, CSS, JavaScript, and Node.js. Experienced in building responsive, high-performance web applications and optimizing code for improved user experience. Proficient in tools like Git and Visual Studio Code, with a proven ability to collaborate in dynamic team environments. Excited to contribute innovative web solutions to Zoho's diverse product ecosystem while growing within a leading technology company.

Education

Bachelor of Technology in Electronic's and Communication Engineering, 2020 – 2024
Seshadri Rao Gudlavalleru Engineering College, India.
CGPA : 7.0

Intermediate (MPC), Sri Chaitanya Junior College 2018 – 2020
CGPA : 8.3

10 Grade, Sri Chaitanya Techno School 2018
CGPA : 9.2

Skills

Programming Languages

- Python
- JavaScript
- Node.js
- HTML
- CSS

DATABASES

- MYSQL

TOOLS

- GIT
- VISUAL STUDIO CODE

Projects

Enhancing Parkinson's Disease Detection Accuracy Using Vocal Biomarkers 2024 Jan – 2024 Apr

- Implemented genetic algorithm-based feature selection to enhance ML model accuracy.
- Focused on analyzing medical data to improve early detection rates of Parkinson's disease.

- Published results in the International Research Journal of Engineering and Technology (IRJET).

Smart Attendance System Using Face Recognition

2023 Sep – 2023 Dec

- Developed an automated face recognition system to simplify attendance tracking, reducing manual effort by 80%.
- Built a training database with 100+ faces using Python and OpenCV, achieving 5% accuracy.
- Automated attendance logging into spreadsheets, improving administrative efficiency by 50%.

IoT-Based Moisture Control System for Plants

2023 Jun – 2023 Dec

- Designed a smart watering system using sensors and IoT technology to automate plant irrigation.
- Reduced water usage by 30% through precise moisture level detection.
- Improved scalability and reliability by integrating cloud-based monitoring.

An Evaluation Of Gold Covering And Plastic Manufacturing(CSP)

2023 Jan – 2023 May

Process and making of gold covering and plastic manufacturing.

Certificates

- The Joy Of Computing Using Python - NPTEL (2023)
- Machine Learning and Deep Learning – Google Developer Program (2023)

Languages

- Telugu
- English
- Hindi

Awards

Participated in presenting the real-time model for Moisture Controller System at V.R. Siddhartha Engineering College, 2023.,
V.R. Siddhartha Engineering college, Vijayawada

2023

Published research on Parkinson's Disease Detection in IRJET, 2024.

Interests

Surfing Internet, Watching Movies, Playing Cricket

Declaration

I hereby declare that the details and information given above are complete and true to the best of my knowledge.

Gowtham Nukala