

Gowtham Nukala

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CAREER OBJECTIVE

I constantly seek to engage my knowledge to learn something useful and keep challenging myself to be a better performer per the company's requirements. Good and quick learner, team player, loves to learn new things, and flexible with different technologies.

Skills

Technical Skills

Programming Languages: Python, JavaScript, Node.js, HTML, CSS

Databases: MySQL

Tools: Git, Visual Studio Code

Behavioral Skills

- Leadership
- Team Player

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

Certificates

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

Projects

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

- Authored a paper that detailed innovative techniques implemented for improving model precision by 20% when analyzing complex medical datasets associated with Parkinson's disease, published in IRJET.
- Focused on analyzing medical data to improve early detection rates of Parkinson's disease.

- Conducted comprehensive studies leading up to publication showcasing how optimized feature selection elevated predictive accuracy by processing over 1 million records within existing healthcare datasets relevant for Parkinson's detection.

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.

Personal Portfolio Website

Delivered an engaging online presence through the creation of a portfolio site featuring interactive elements; garnered feedback from peers leading to streamlined project presentations and increased engagement rates by approximately 30%.

AWARDS & ACHIEVEMENTS

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

2023

V.R. Siddhartha Engineering college, Vijayawada

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

Languages

- Telugu
- Hindi
- English

Interests

Networking technology, IoT innovations, and exploring machine learning applications., Surfing the internet, watching movies, and 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