

Gowtham Nukala

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

Objective

Motivated Software Developer with a passion for creating scalable and fault-tolerant systems. Proficient in Python, JavaScript, and Node.js, with experience in designing innovative solutions that align with customer needs and business goals. Eager to contribute to Amazon's mission of technological innovation and customer obsession.

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

Professional Experience

Web developer Intern, Iven Tech Solution 2024 May – present

- Designed and implemented responsive web pages using **HTML**, **CSS**, and **JavaScript**, ensuring cross-browser compatibility.
- Collaborated in team meetings to understand project requirements and deliver tasks on time.
- Worked under the guidance of senior developers to ensure website functionality and user experience.
- Improved website performance by optimizing code, leading to a 20% reduction in load time.

Projects

Enhancing Parkinson's Disease Detection Accuracy Using Vocal Biomarkers <ul style="list-style-type: none">• 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).	2024 Jan – 2024 Apr
Smart Attendance System Using Face Recognition <ul style="list-style-type: none">• 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%.	2023 Sep – 2023 Dec
IoT-Based Moisture Control System for Plants <ul style="list-style-type: none">• 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.	2023 Jun – 2023 Dec
An Evaluation Of Gold Covering And Plastic Manufacturing(CSP) Process and making of gold covering and plastic manufacturing.	2023 Jan – 2023 May

Certificates

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

Languages

- Telugu
- Hindi
- English

Awards

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