

Guthi Chandana

Entry-Level full stack developer | SQL | Python | HTML | CSS | Javascript
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OBJECTIVE

Aspiring Full Stack Developer with a solid foundation in HTML, CSS, JavaScript, and Python. Looking to apply my knowledge in a dynamic tech environment and contribute to real-world projects while growing my skills and experience.

EDUCATION

St. Ann's College of Engineering & Technology, Chirala	2022 – 2026
<i>Bachelor of Technology (B.Tech) in Electrical and Electronics Engineering with minor CSE</i>	CGPA: 8.50
Sri Gowthami Jr. college	2020 – 2022
<i>Intermediate (MPC)</i>	66%
Z.P.H.School	2020
<i>Secondary Education (SSC)</i>	MARKS:588

SKILLS

- **Programming:** HTML, CSS, Javascript, Python
- **Tools:** MS Excel, Jupyter Notebook, Visual Studio code
- **Databases:** MySQL, NoSQL, MongoDB
- **Soft Skills:** Communication , Team Collaboration , Time Management , Work Ethic ,Adaptability

CERTIFICATIONS

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|--|---------------|
| • Solar PV Plant Design - SkillDzire | May-June 2025 |
| • Python Full stack - CDST INFORMATICS(P) LTD | July 2024 |
| • Introduction to Internet Of Things - NPTEL | Jul-Oct 2024 |
| • Problem Solving Through Programming In C - NPTEL | Jul-Oct 2023 |

PROJECTS

Object Detection by Aurdino using IOT

- **Technologies:** Arduino UNO, IR Sensor Module, Ultrasonic Sensor Breadboard, LED
- Object Detection means identifying the presence of an object. When paired with Arduino, a microcontroller, and IoT, the system can detect objects and send that information to the internet, a mobile app, or a cloud server.
- The ultrasonic sensor emits a sound wave and calculates the time it takes to return after bouncing off an object. If an object is within a certain distance, it is considered "detected."
- The ESP8266/Arduino processes this data to determine if the object is present.If object is detected, data is sent to the IoT cloud via Wi-Fi.
- Display data on a smartphone app or website.Trigger an alert (email, push notification, etc.).
Activate a relay to turn something on/off (like lights or alarms).
- **Use Cases:** Smart Parking- Detect car presence and send status to a mobile app.
Home Automation- Detect someone at the door, send a notification.
Industrial Safety- Detect obstruction in a robotic path and stop machinery.
Waste Management- Detect bin level using ultrasonic sensor, notify when full.

ACHIEVEMENTS

- Secured 2nd Prize in the school-level Badminton Championship, showcasing consistent performance and competitive spirit
- Developed an IoT-based Object Detection System using Arduino
- Appreciated for effective communication and teamwork in school activities, group projects