

THURIMERLA SRIHARSHA

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EDUCATION

Narayana Engineering College Bachelor of Technology - ECE; GPA: 8.6	2021-2025
Krishna Chaitanya Junior College Intermediate (12 th); GPA: 8.8	2019-2021
Sri Sainath English Medium High School SSC(10 th); GPA: 9.3	2019

SKILLS SUMMARY

- **Languages:** Python, Java, Fundamentals, SQL, UI/UX Design, HTML, CSS
- **Platforms:** PyCharm, Visual Studio Code, GitHub, Figma, Canva
- **Soft Skills:** Active participation in Team Membership, People Management, Good Communication

PROJECTS

Radar System using Arduino

- Used ultrasonic sensor to detect objects by emitting waves and measuring the time it takes to return.
- Arduino code calculates distance using the sensor's time-of-flight method.
- Data is processed to create a visual representation or map of detected objects.

Fire Detection alarm

- Conducted experiments nearby fire situations and achieved a 96% accuracy rate in detecting fire and smoke by using the smoke sensor.
- Managed the code using the Arduino IDE software.
- Designed to detect the presence of fire or smoke and alert users to potential dangers, ensuring safety in buildings or environments.

Student Record Management System using Python

- Built a Student Record Management System using core Python and CSV file handling without external libraries.
- Implemented features like add, view, search, sort, delete, input validation, and grade calculation in Excel.
- Ensured data persistence and accuracy through file-based storage, showcasing real-world problem-solving and Problem solving skills.

FoodFly online Food Delivery app using Figma

- Designed a user-friendly food delivery app in Figma focused on seamless browsing, ordering, and real-time tracking from local restaurants.
- Created an intuitive UI with a promotional home screen, searchable restaurant listings, detailed menus with pricing, and a smooth checkout process.
- Prioritized intuitive design and usability for foodies and professionals; delivered a polished Figma prototype with documented design rationale.

CERTIFICATES

- Figma Bootcamp completion certificate from LetsUpgrade
- Python Programming Language Completion course by mindluster.
- Introduction to cloud by cognitiveclass.ai powered by IBM developer skills network.
- Introduction to career skills in software by Microsoft and linkedin.

DECLARATION

I hereby declare that the above information is true to the best of my knowledge and belief