



SANTHOSHINI PRANATHI

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EDUCATION

Rajiv Gandhi University Of Knowledge Andhra Pradesh, India   Aug 2022-ON

- Bachelor of Technology in **Electronics and communtiation** with a specialization in **VLSI technologies**

Pre University Course

 Jun 2020 ▶ Jun 2022

Major in *Information Technology*; GPA: 9.57/10

SKILLS SUMMARY

- **Languages** Python, HTML, CSS, Javascript, C++
- **Frameworks** Bootstrap, PHP
- **Open Libraries** OpenGL,SDL2
- **Software** Latex

PROJECTS

Ray Tracer

 Jan 2023 ▶ Apr 2023

Graphic Programming

- Used shading, anti-aliasing, super sampling, and real-time rendering for a realistic look.
- Produced multiple spherical objects including reflections and refractions using OOPs in C++.
- Improved quality of the image by 30%.

Portfolio

 Sep 2022 ▶ Jan 2023

Web development

- Responsive website using HTML, CSS, and Javascript.
- Animation effects and location mapping features.
- Upto 2x enhancement in its working efficiency.

Billing System


Remote  Jun 2022

Python Programming

- Smart managing system + time efficiency using Python libraries.
- Prerequisites including food items, customer details, and billing.
- Improved the speed of output to its maximum.

WORK EXPERIENCE

Astronics

 Apr 2023

IoT workshop

- Basics of embedded systems, sensors, and Internet of Things(IoT)
- Picked up some knowledge of NodeMCU, Arduino, Bluetooth, and Wi-Fi modules.
- Created a model of temperature and Humidity check sensors.