

ANUSHREE NARAYANAN

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SUMMARY

Goal oriented undergraduate student seeking to engage in challenging tasks and gain knowledge and invaluable experience out of it. Software development and AI have always been a passion and I'd like to gain the knowledge from skilled professionals and allowing me to face real world problems to which solutions are to figured out. Always open to critics and learning.

SKILLS

- **Programming Languages:** C, C++, Java, Python, Javascript
- **Frontend:** HTML, CSS, Selenium
- **Database:** SQL, MongoDB, MYSQL, php
- **App Development:** Flutter
- **Microcontrollers:** Raspberry Pi, Arduino
- **Languages:** English, Tamil
- **Certifications:** Python for Data Science (NPTEL, IITM), Azure AI builder (Microsoft), Database essentials (MongoDB)
- **Awards/Activities:** Finalist in DiscX 2023 for Thermal Image Analysis using Computer Vision
- **Soft Skills:** Writing, Designing,

EDUCATION

Bachelor of Computer Science and Engineerin (IOT) 2022- 2026

Sri Sairam Engineering College

- Skilled in software development and specialised in IOT.
- Thesis on "Technological Advancements within the current Mechatronics Industry".

Python for Data Science October 2023

NPTEL, IITM

- Data science techniques in python, skilled in pandas and analysis techniques.

Class 10 and 12, CBSE 2020 and 2022

Alwin Memorial Public School

PROJECTS

Chroma: An App to Assist People With Visual Disorders

- The app is developed to assist people with colour blindness, the app uses computer vision techniques like OCR, yolo to detect objects and their colour and convey it to the user through text or audio.
- Tech Stack- Python, Flutter

PC-OUT

- This project was developed for SIH 2023, the microcontroller based system is designed to monitor load and detect thefts in good rail coaches, these scales are monitored and controlled by an web app using cloud API.
- Tech Stack- Arduino, Arduino Cloud, HTML and CSS, Javascript, C++

THERMAL IMAGE ANALYSIS

- The project was developed as a solution to a problem in DISCX 2023, the AI model analyses cooled or badly pixelated thermal images and process it to produce an enhanced result.
- Tech Stack- Python Libraries like Tensorflow, openCV.

EDUCATIONAL WEBSCRAPPER

- Crawler bot tailored to extract class 12 curriculum to help students minimise the search time.
- Tech Stack- Python libraries like BeautifulSoup, Pandas, Numpy and MySQL