S NIHARIKA

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About Me

A dedicated Computer Science Student skilled in leadership,with a strong foundation in math.I am passionate towards data science and machine learning and eager to expand my skills to work with real time projects .

Education

- **PES University** — Bangalore, India
  Bachelor of Technology, Computer Science & Technology; **GPA: 8.5/10** — *Dec 2020 - June 2024(Expected)*

- **Narayana Junior College** — Hyderabad, India
  XII ; **Percentage: 97.03% MPC** — *May 2018 - June 2020*
  KCET 2020 ; **Rank: State Rank 1360**

- **Sri Chaitanya Techno School** — Raichur, India
  X ; **Percentage: 96.96%** — *May 2017 - Mar 2018*

Skills Summary

- **Programming Languages**: Python, C, C++
- **Frameworks**: OpenCV, Matplotlib, Numpy, Pandas, Scikit-Learn
- **Frontend Technologies**: ReactJS, HTML, CSS, JavaScript
- **Meta Frameworks**: Next.js
- Excellent Communication Skills And Time Management

Projects

- **Review Driven Beauty Product Recommendation System**: (Ongoing)
  - Working on to build review driven beauty product recommendation system by leveraging user reviews,product descriptions and personal preferences.
  - It basically recommends top 3 beauty products based on matching preferences.
  - Also integrating virtual try on feature into recommendation system allows users to apply beauty products in real time before they make their purchasing decisions.

- **Art Gallery Management System**: Tech: MYSQL,Streamlit
  - The system provides a database for storing information on artists,artworks,exhibitions,and sales that has been designed to override the problem of existing manual system.
  - The database solution is deployed through streamlit which allows execution of CRUD operations

- **Assignment Submission Portal**: Tech:Spring Boot,Java
  - The Assignment Submission Portal is a web-based application developed using Java and Spring Boot that allows students to submit their assignments online.It simplifies the submissions,reduce paperwork and increase overall efficiency.
  - The application implements several design patterns from Gang Of Four(GOF) such as factory method for creating objects teacher or student and singleton pattern for creating instance for DB file uploaded by student.

- **Implementing Raft Logic in GoLang**: Tech: GOLANG
  - Implemented Raft Consensus algorithm in Go to achieve fault tolerant and distributed coordination among nodes in distributed system.

Achievements

- **Scholarships**
  - Recipient of Prof MRD Scholarship for being in the top 30% in the batch.
- **Extra Curricular**
  - SME for Machine learning and Data Science at Shunya Research Committee.
  - Certified with AWS Educate Introduction to Cloud 101 -