Gopal krishna Nuthakki

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SUMMARY

Passionate Computer Science student with interests in the fields of ML model design, Web dev, database management. Aspiring full-stack dev and open-source contributor.

Projects

- **SCAN AND BUY | WEB**
  -> A web app which helps customers to self-checkout through their phone without waiting in a long boring line for billing, which implements firebase.

- **PROPEL PITCHFEST '24 | WEB**
  -> Website for the Propel Pitchfest '24 that was conducted by BMU, where students pitched their ideas and startups.

- **BOOK ENGINE | WEB**
  -> Website created for the sale of books and ebooks.

- **OUTFIT RECOMMENDATION SYSTEM | ML**
  -> Model created that takes images of clothes as input and gives their best combination to the user. It uses image processing and APIs.

- **FACE DETECTION SYSTEM| ML**
  -> Model created that detects the number of people and tracks them.

- **MOVIE RECOMMENDATION SYSTEM | ML**
  -> Model created using NLP that recommends movies similar to the movie the user inputs.

- **GAME RECOMMENDATION MODEL | ML**
  -> Model created that recommends similar games to the one the user plays regularly.

- **EVENT MOVEMENT | ANDROID APP**
  -> Developed an application for event management that captures images of attendees and shares via QR code or link. Implemented Firebase database for efficient image storage and retrieval.

- **INTRAVENOUS FLUID LEVEL DETECTOR |IOT**
  -> This project detects the level of saline and prevents the backflow of blood into saline bottles and prevents over infusion of saline.

TECHNICAL SKILLS

- **Programming:** C++, Python , JAVA, HTML, CSS, JavaScript, SQL, R
- **Development Tools:** VS Code, Google Colab, Android Studio, R Studio
- **Databases:** MS SQL Server
- **Operating Systems:** Windows, Ubuntu
- **Computer Networks:** Wireshark, Network Protocols
- **Machine Learning/Data Science:** Python, NumPy, Pandas, Sci-kit Learn

ACHIEVEMENTS

- Hactoberfest2023-Successfully contributed to open source and collected 11 halopin badges.
- Zonal first in Technothlon conducted by IITGuwahati.
- Finalist in Project Pitch Competition (PPC:2024) by BMU.
- Winner of essay competition 'Go4Guru' at district level. Won opportunity to visit NASA USA.

ADDITIONAL INFORMATION

- **Languages**: Fluent in English, Hindi, and Telugu
- **Soft Skills:** Effective Communication skills, Leadership skills, Team-player, Presentation skills