Perumalla Yuva Sai

B.Tech
Computer Science and Engineering
Vellore Institute of Technology, Tamilnadu

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EDUCATION

- **Vellore Institute of Technology, Vellore** — *2021- 2025*
  Bachelor of Technology in Computer Science and Engineering — CGPA: 8.74

- **Sri Medha V Jr. College, Anantapur** — *2019-2021*
  Board of Intermediate Education (MPC), Andhra Pradesh — Percentage: 88.4%

- **Narayana EM School, Anantapur** — *2018-2019*
  Board of Secondary Education, Andhra Pradesh — CGPA: 10

PERSONAL PROJECTS

- **Employee Management System**
  Tools and technologies used: Java, MySQL, Netbeans.

  - The Employee Management System project is a Java application for managing the employee records.
  - It allows us to check, update, view and delete the employee details/records with an database.

- **Facial Recognition and Database Integration**
  Tools and technologies used: Python, Firebase.

  - The facial recognition system which integrates with databases, enhancing identity verification and data organization.
  - It uses a database with user details to identify the person after scanning their face in front of the camera.

- **Machine Learning-Based Movie Recommender System**
  Tools and Technology Used: Python, Pandas, Scikit-learn, Heroku.

  - Personalized movie suggestions powered by Machine learning algorithms and deployed on Heroku for seamless access.
  - Implemented a content-based movie recommender system that suggests movies to users based on their preferences.

TECHNICAL SKILLS AND INTERESTS

Languages: Java, SQL, Python, R.
Technical Tools and Platforms: MS Office, VScode, Rstudio, Jupyter Notebook,Power BI, StarUML.
Cloud/Databases: RDBMS(MySQL), Firebase.
Soft Skills: Communication, teamwork, problem-solving, time management.
Relevant Coursework: Data Structures and Algorithms,Operating Systems,Object Oriented Programming,Database Management Systems, Software Engineering.

CERTIFICATIONS/ACHIEVEMENTS

- **Google Cloud Computing Foundations** — *December 2023*
  This certification enables us to learn GCP through various Labs and assessments.
- **AZ-104 Microsoft Azure Administrator** — *November 2023*
  This certification involves learning to manage Azure resources.
- **Publish Book Author** — *June 2022*
  PERUMALLA YUVA SAI (2022) VOICE ASSISTANTS – AN PERSONAL ASSISTANT,"VOICE ASSISTANTS-FUTURE OF INTERACTION", (pp:190-197) Royal Book Publishing, ISBN: 9789391131197
- **VIT-ICASIC International Conference** — *November 2024*
  International conference on Automation, Signal Processing, Instrumentation and Control (November 2024) at VIT. The Facial Recognition and Database Integration project, designed for cost-effective home security, was published in this conference.