Gangumolu Leela Sowmya

gangumolusowmya1@gmail.com | Linkedin | Github

EDUCATION

Degree	Specialization	Institute	Year	GPA
B.Tech	*Computer Science & Engineering*	SRKR Engineering College	2021-Present	9.51
Intermediate	*Mathematics, Physics & Chemistry*	Tirumala College	2019-2021	9.82
SSC	-	Tirumala EM School	2018-2019	10.0

WORK EXPERIENCE

- **Machine Learning Intern** *[Yanthraa Information Systems,HYD]* *Ongoing*
  - Currently developing the UI for the InpharamD company website, focusing on creating a user-friendly interface and enhancing overall user experience.
- **Data Science Intern** *[Saiket Systems]* *Feb-Mar 2024*
  - Led data preparation and exploratory data analysis efforts, contributing to effective customer segmentation strategies that improved targeting accuracy by 20%.
  - Designed machine learning model for churn prediction, achieving an accuracy rate of 96% and facilitating informed decision-making and stakeholder communication.

PROJECTS

- **Dynamic Blog Site with Media Integration** *Jul-Aug 2024*
  - Developed a full-stack MERN blog platform that allows users to share their thoughts along with images, enhancing user interaction and content creation.
  - Implemented a feature enabling users to upload pictures or provide URLs, providing flexibility in content sharing and improving user experience.
  - **Technologies used :** React.js, Node.js, Express.js , MongoDB
- **Faculty Profile Web Application (Real-time data)** *Jun-Jul 2024*
  - The application features 50+ dynamic faculty profiles including real time data from Google Scholar, Scopus, Web of Science, and ORCID.
  - Ensured data accuracy and ease of management by integrating with Google Sheets API, automating data updates, and simplifying the maintenance of profile information.
  - **Technologies used :** HTML, CSS, JavaScript, Google Sheets API
- **Machine Learning for Cardiovascular Risk Assessment** *Mar-May 2024*
  - Co-developed a web application that predicts cardiovascular disease with 75.32% accuracy by analyzing medical data, aiding early diagnosis and preventive care.
  - Deployed a machine learning model using Flask, integrating it effectively to deliver real-time predictions for healthcare support.
  - **Technologies used :** Flask, Machine Learning

TECHNICAL SKILLS

- **Languages :** C, C++, Python
- **Database :** MySQL
- **Web Technologies :** HTML, CSS, JavaScript

CERTIFICATIONS

- Oracle Cloud Infrastructure 2024 Generative AI Certified Professional - **Oracle**
- Certified in Foundation of Cloud IoT Edge ML (Elite+Silver) - **IIT Kanpur (NPTEL)**
- Certified in Data Science and Engineering (Elite) - **IIT Madras (NPTEL)**
- Certified in Programming in java (Elite) - **IIT Kharagpur (NPTEL)**

ACHIEVEMENTS

- Received Academic Topper Award - **SRKR Engineering College (2022-2023)**
- Secured 2597th position out of 100,000+ participants in global level coding competition - **IEEE Xtreme 17.0**