KARLOSH YADAV

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EDUCATION

Master of Technology in Computer Science and Engineering
Indian Institute of Science (IISc Bangalore)   2025-27

Bachelor of Engineering in Computer Science and Engineering
CMR Institute of Technology, Visvesvaraya Technological University | GPA: 8.75/10   06/2024
Thesis: Heart Disease Prediction System using Machine Learning

PROJECTS

Heart Disease Prediction System using Machine Learning   07/2023 – 04/2024
- Implemented Hybrid machine learning algorithm using Python, SMOTE, SHAP and Grid Search. Enhanced prediction and performance through data balancing and interpretability techniques.

Health Guard: AI-Powered Disease Monitoring System   10/2022 – 03/2023
- It is a real-time IoT-based system that monitors patients with chronic diseases and uses machine learning to predict complications, providing early warnings and personalized health insights.

WORK EXPERIENCES AND INTERNSHIPS

Data Analyst Intern at M.K Paper Mills Pvt Ltd   20/05/2024 – 20/09/2024
- Learned to identify and analyze patterns in business data sets by finding correlations, visualizing charts in Python, producing reports, and recommending changes.

Frontend development Intern at Next24 Technology   01/03/2024-30/04/2024
- Design front-end interfaces for different use cases and integrated APIs for smooth functionality.

TRAINING

Machine Learning for ALL   03/01/2023
Copyright for Educator and Librarians Certificate   05/10/2023
Linux Fundamentals by Coursera   17/08/2022
Programming Fundamentals with JavaScript, HTML and CSS   23/03/2022
C for Everyone: Programming Fundamentals   11/09/2021

LEADERSHIP EXPERIENCES

President, International Student Club (ISC)   04/2023-04/2024
- I led club meetings and managed a team, organized cultural events and activities, helped international students adjust to campus life, and worked with the college administration to address student concerns.

Secretary, Soft Research Computing Society   04/2022-04/2023
- I managed communications and meeting schedules, recorded and maintained minutes of meetings, assisted in organizing technical workshops and events, and coordinated with members to ensure smooth operations.

Class Representative   10/2022-10/2023
- As a Student Representative, I communicated classmates' concerns, organized class activities and meetings.

SKILLS

Technical: C++ | Object-Oriented Programming | Data Structures and Algorithm | Python | MySQL | Web Development | Machine Learning | Project Management | Leadership | Operating System | Database Management

Language: English, Hindi

ACHIEVEMENTS AND VOLUNTEERING

Academic achievement in fifth semester. (CMR Institute of Technology)   27/07/2023
Rotaract Blood donation - (CMR Institute of Technology)   02/12/2021
Rotaract Dog feeding - (CMR Institute of Technology)   05/07/2022
Cricket: College & District Level: Played at both college and district levels.