VEDHA DHARSHINI J

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Objective

I am a final-year B.Tech Information Technology student at Sastra Deemed University, eager to learn and work in a competitive environment that tests my abilities. I seek challenging opportunities where I can fully utilize my capabilities to contribute to the organization's success.

Experience

- **Student Projects Hub** -
  Machine Learning Internship
  Developed a machine learning model to predict customer churn for a subscription service, using Streamlit for the frontend. This project aimed to enhance customer retention and optimize marketing strategies.

Education

Course / Degree	School / University	Grade / Score	Year
B.Tech INFORMATION TECHNOLOGY	SASTRA DEEMED TO BE UNIVERSITY	CGPA : 8.0584	4
HIGHER SECONDARY - Class 10	CARMEL 'S MATRICULATION HR SEC SCHOOL	91.8%	2019
HIGHER SECONDARY - Class 12	CARMEL 'S MATRICULATION HR SEC SCHOOL	93.8%	2021

Skills

- TECHNICAL SKILLS :
- Programming languages : C++,Java, Python
- Web Development Tools : HTML,CSS
- DBMS : SQL,MangoDB (Basics)
- FrameWork : Django and Streamlit (Basics)
- Machine Learning
- SOFT SKILLS :
- Communication
- Interpersonal Skills
- Problem-solving
- Multi-tasking
- Teamwork
- Adaptability

Projects

- **Optimal Feature Engineering Strategies For Machine Learning Based Prediction of Heart Diseases with Explainable AI**
  The project aims to advance knowledge on machine learning applications in healthcare, specifically for heart disease prediction. It involves using nine different machine learning models for prediction and employs Explainable AI techniques to analyze and interpret the results.
- **A Student DataBase Project Using Python With Django Framework**
  A Student DataBase Project Using Python With Django Framework.This project aims to store student details in a database.

Publications

- **A MODERN APPROACH IN RECOMMENDING CROPS USING NOVEL MACHINE - LEARNING TECHNIQUES**
  In today's fast- paced society, the resources available for harvest recommendations are limited. So, we did this paperwork for crop prediction which was accepted by ICRTCEI -2022