


# Nibitha Prabhakaran

CSE Undergraduate - Final Year

 [Nibitha Prabhakaran](#)

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## PROJECTS

### NUTRIMENT

May 2023

- Created a web interface to calculate the nutrients consumed by a person based on the food intake provided in grams.
- This interface was developed using Java and Eclipse IDE.
- Stored the input data provided by users in MySQL database.

### HEALTH CLOUD

2024

- Developed a web interface using HTML, CSS, and JavaScript.
- Utilized machine learning classification algorithms to monitor the health status of heart patients.
- Integrated the best model (Logistic Regression) with the web interface using Flask.
- Deployed the system on the cloud using the Render hosting platform.
- Accurately predicted heart disease to prevent unnecessary panic.

## EDUCATION

### Bachelors of Technology in Computer Science Engineering

Sastra Deemed to be University ,Thanjavur

2021-2025

- CGPA - 8.45

### Board of Higher Secondary Education(12th)

Kongu Vellalar Matric Higher Secondary School, Vellakovil

2020-2021

- Percentage - 97.35

### Board of Secondary Education(10th)

Kongu Vellalar Matric Higher Secondary School, Vellakovil

2018-2019

- Percentage - 97.2

## ACHIEVEMENTS

- Represented Sastra University's Arts team and won multiple awards in intra-college cultural events

## LANGUAGES

- English (Proficient)
- Tamil (Native)

## INTERESTS

- Web development
- Fine Arts (part of The Artz Gumbal, official Fine-arts club of Sastra)and mentor my juniors
- Freelance artist
- Bharatnatyam dance

## SKILLS

### Programming Languages

Proficient :

- C/C++
- Python

Familiar :

- HTML
- CSS
- Java

### Database Management

- MySQL

### Development Environment

- Eclipse IDE

## CERTIFICATION

- Participated in TATA ELXI Design Workshop conducted by Sastra University.
- Introduction to Industry 4.0 and Industrial Internet of things-NPTEL
- Privacy and Security in Online Social Media -NPTEL

## RELEVANT COURSES

- Object Oriented Analysis and Design
- Design and Analysis of Algorithms
- Database Management System
- Software Engineering
- Data Structures and Algorithms
- Natural Language Processing
- Digital System Design
- Cloud Computing