



I am a dedicated and motivated IT undergraduate with a passion for technology and problem-solving. Equipped with a strong foundation in programming, databases, and web development, I am a quick learner with keen attention to detail. I thrive both independently and collaboratively, capable of contributing effectively to innovative projects. Within a dynamic IT team, I am actively seeking opportunities to further develop my skills and expertise. With an unwavering determination and a deep desire to excel, I am eager to pursue a career as a software engineer.

## Contact Me



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# Prasadi Sankalpana

## IT Undergraduate

### Education

#### University of Moratuwa, Sri Lanka

2021 - Present

- **B.Sc.(Hons) in Information Technology**  
CGPA : 3.31

#### University of Colombo(IHRA), Sri Lanka

2019

- **English for school leavers**

#### Sri Sumangala Girls' School ,Panadura

2010-2019

- **G.C.E Advanced Level (2019)**  
Common stream  
Z-Score 1.4254
- **G.C.E Ordinary Level (2015)**  
9A's

### Experiences

Apr 2023 - Present

- **Techylo Solutions** Technical Writer | Part time

2023

- **RealHack 4.0** | Participation

2021

- **Leo Club (UOM)** Writer | Project "ShilpaSara"

2021

- **Rotaract Club (UOM)** Web Developer- Project "HIH"

2010 - 2019

- **Sri Sumangala Girls School**  
2017-2018: ICT Club (Member)  
2016-2018: Science Club (Member)  
2013-2015: Buddhist Club (Member)  
2014: Environmental Club (Member)  
History Club (Member)

### Certificates

- **Introduction to Front-End Development**  
Meta  
Credential: 92MHGETFYUS2

## Technical Skills

### Programming Languages

- Java
- JavaScript
- C
- Python

### Database

- MySQL
- MongoDB

### Web Development

- HTML
- MUI
- CSS
- Bootstrap
- JavaScript
- ReactJS

### IDES

- VS Code
- IntelliJ IDEA
- Atmel Studio
- CLion

### Version Controlling

- Git

### Other

- Figma
- Blender
- Proteus
- GIMP

## Soft Skills

- Documentation & Editing
- Communication Skills
- Teamwork
- Fast Learning

## Referees

### Dr.S.C. Premaratne

Head of the department,  
Department of Information Technology,  
Faculty of Information Technology,  
University of Moratuwa.  
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### ENG.PREMASIRI S.M.U.

Lecturer,  
Department of Information Technology,  
Faculty of Information Technology,  
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- **Neural Networks and Deep Learning**

DeepLearning.AI (Ongoing)

- **What is Data Science**

IBM(Ongoing)

## Projects

- **AppoMo- Appointment Management System  
Level 2 Software Group Project**

AppoMo is an appointment management system for electronic device repairs. It consists of web and mobile applications, serving both customers and repair companies. Customers can inform companies about their device issues, who then investigate and provide repair confirmation via SMS. Customers can schedule appointments and make payments through integrated APIs. As a member of the development team, I contributed to the issue submission and confirmation processes, as well as other project developments.

Technologies: React, React Native, Nodejs, MongoDB

Github:[github.com/RashiniNethmini/AppoMo](https://github.com/RashiniNethmini/AppoMo)

- **TaskMate -Task Management System (Ongoing)**

TaskMate is a web-based task management system designed for efficient organization. Users can customize to-do lists, create weekly and monthly planners, set reminders, and utilize various task management tools. With a focus on university students, while remaining accessible to all, TaskMate streamlines workflow enhances productivity, and simplifies time management.

Technologies: React, NodeJs, MongoDB

Github:[github.com/BLPSankalpana/TaskMate](https://github.com/BLPSankalpana/TaskMate)

- **My\_Portfolio**

My\_Portfolio is my personal website, designed to showcase my talents as a software developer. It features information about the technologies I specialize in, displays projects that I have been involved in, and highlights my notable accomplishments. This platform serves as a comprehensive representation of my skills and experience in software development.

Technologies: Reactjs, CSS

Github :[github.com/BLPSankalpana/My\\_Portfolio](https://github.com/BLPSankalpana/My_Portfolio)

- **Multifunctional Massaging chair  
Level 01 Hardware Group Project**

Contributed to the development of an innovative Automated Massaging Chair, targeting physical health issues caused by extended computer usage. Incorporated key features such as footrest and massager, back massager, backrest, and seat cooling. Implemented an intelligent system to ensure safety and energy efficiency by automatically turning off massaging functions when the user is not seated. Specifically responsible for integrating keypad and ultrasonic sensor behaviors, enhancing the chair's functionality.

Technologies: C language, Atmel Studio, Proteus

Simulation, KiCad

Github: [github.com/isuru225/Level-01-Hardware-Project](https://github.com/isuru225/Level-01-Hardware-Project)