# Shanika Ayasmanthi

Undergraduate Student

## Personal details

👤 Shanika Ayasmanthi

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## Technical Skills

**Programming Languages**
- C
- Python
- JavaScript
- Java
- PHP
- R

**Web Development**
- React
- HTML
- CSS
- Spring Boot
- WordPress

**Database**
- MySQL

**Other Technologies and Tools**
- GitHub
- MS Office
- Figma
- Notion

## Referances

**Dr. (Mr.) P V K G Gunawardana**
B.Sc. (Hons)(Col), Ph.D. (Monash)

## Profile

I am a third-year Computer Science undergraduate with strong programming, problem-solving, and web development skills. I am passionate about new technologies and continuously learning to stay updated. I thrive in dynamic team environments and can manage multiple tasks effectively. Currently, I am expanding my expertise in mobile app development and am eager to apply my skills to real-world challenges. I seek opportunities in Information Technology to contribute, grow, and develop innovative solutions.

## Experiences

**Intern Software Engineer**                                    **Nov 2024 - Present**
IOT Solutions Pvt Ltd
Currently working as an intern software engineer specializing in IoT solutions, contributing to the development and implementation of innovative IoT-based applications and systems.

## Education

**B.Sc. in Computer Science (Ug)**                              **2022 - Present**
University of Colombo School of Computing

**A/L Physical Science**                                        **2020**
Sujatha Vidyalaya, Matara
A - Combined Maths | A - Chemistry | B - Physics

## Projects

**PrimePro (Ongoing)**
Developed an integrated solution aimed at enhancing customer experience and operational efficiency in the car wash industry. The project involved designing a user-friendly mobile app for customers to easily locate and book services at nearby car wash centers, as well as a comprehensive web application for car wash centers to manage operations, including customer management, employee scheduling, and payroll. Additional features include real-time service information, customer support, CRM, and analytics tools.
- GitHub (frontend) - https://github.com/avishkaindunil/PrimePro_Web_Application.git
- GitHub (backend) - https://github.com/avishkaindunil/PrimePro_BackEnd.git
- GitHub (website) - https://github.com/avishkaindunil/PrimePro_FrontEnd.git

**PrescripSamrt**
PrescripSmart is an innovative healthcare platform that addresses the critical issue of illegible handwriting among doctors in Sri Lanka. The solution enhances healthcare services through electronic prescriptions, online appointment scheduling, digital lab results, and improved pharmacy collaboration. Developed using an MVC architecture with a tech stack including HTML, CSS, and JavaScript for the front end, PHP and MySQL for the back end.
- GitHub - https://github.com/senuriwick/PrescripSmart.git

**Todo Mobile Application**
Developed a simple mobile to-do application using Flutter and Firebase, incorporating authentication and Firestore for data management. The app enables users to add, complete,

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and delete tasks, demonstrating proficiency in Flutter and Dart.
- GitHub - https://github.com/shanikaayasmanthi/MyTodo_Front.git

**Student Management System**
Developed a comprehensive MERN (MongoDB, Express.js, React.js, Node.js) application to efficiently manage students, teachers, system employees, and parents within an educational institution. The system offers role-based functionalities, including secure authentication, streamlined data management, and easy access to essential information, enhancing the overall operational efficiency of the institution.
- GitHub - https://github.com/Dilum-IR/School-Management-System_Rad_Project.git

## Certifications

**AWS Educate Introduction to Cloud 101**
Amazon Web Service

**Python for Beginners**
**Python Programming**
Open Learning Platform - University of Moratuwa

**Web Design for Beginners**
**Front-End Web Development**
**Back-End Web Development**
Open Learning Platform - University of Moratuwa

## Extracurricular Activities

**Web Master**                                                  **2023 - 2024**
Entrepreneur and Innovation Club of UOC

**Member**                                                      **Present**
Rotaract Club of UCSC

**Member**                                                      **Present**
Colombo Beacon Club of UOC