



## Sethmini Kularatne

Undergraduate - Department of  
Computer Engineering  
Faculty of Engineering  
University of Sri Jayewardenepura

### About me

I am a motivated Computer Engineering undergraduate eager to learn and grow in the industry while embracing new challenges. I am passionate in software engineering, full stack web development, frontend development and Quality assurance. I excel under pressure, take responsibility for my tasks, and thrive as a team player. I am eager to embrace new challenges and continuously enhance my technical expertise.

### Contact

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### Links

LinkedIn  
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My Portfolio -  
<https://sethmini.github.io/My-Portfolio/>

GitHub -  
<https://github.com/Sethmini>

## Education

- **University of Sri Jayewardenepura** February 2022 - Present  
*B.sc. Eng (Hons) in Computer Engineering (Reading)*  
*Minor Specialization - Data Management*  
Current GPA - 3.34
- **Musaeus College** 2007 - 2020  
*GCE Advanced Level 2020 - Physical Sciences*  
A passes for Combined Maths, Chemistry, General English  
B pass for Physics  
Z score - 1.84  
  
*GCE Ordinary level 2017*  
9A passes for all subjects

## Projects

- **Parkbuddy** March 2024 - September 2024  
*Car Park Management System*  
A user centered mobile and web application that enables drivers to find and book parking spots in real time while allowing car park owners to manage slot availability seamlessly. The mobile app helps drivers locate the nearest available parking space using GPS and book a spot instantly. The web application provides owners with a dashboard to monitor and update parking slot statuses. Key features include real-time parking slot updates, GPS-based navigation, and a responsive interface for an optimal user experience.  
Contribution - Development of the web app  
*HTML, CSS, JavaScript, React, Firebase, Node.js, Github*
- **Shoppingbot** August 2024  
*Supermarket Chatbot*  
Developed a chatbot that assists supermarket customers by providing shelf numbers for searched items, improving shopping convenience through real-time responses. The chatbot processes user queries using natural language understanding, maps items to their respective shelf locations, and interacts via a user-friendly graphical interface. Additional features include basic conversational handling and automated PDF summaries of requested items and their locations  
*Python*
- **ShopMore** February 2025 - Present  
*E-Commerce Website*  
A comprehensive e-commerce website with features such as product display, shopping cart management, and user authentication. Built APIs for product addition, updates, and cart management. Designed an admin panel for easy product and inventory management. Focused on creating a secure, user-friendly platform with smooth front-end and efficient back-end functionality.  
*React, Express js, MongoDB, Node js*
- **MediHerb** December 2024 - Present  
*Doctor and Pharmacy Recommendation System*  
A web application that connects patients with Ayurvedic doctors and pharmacies. Personalized doctor recommendations and access to Ayurvedic pharmacies when purchasing medical herbs.  
*HTML, CSS, JavaScript, React, Firebase, Firebase ML kit*

## Technical Skills

- Languages - C++, Python, HTML, CSS, JavaScript, Java
- Frameworks and Technologies - React, MySQL, Firebase
- Tools - Git/Github, VSCode, Cisco Packet tracer, Selenium
- Core concepts - Object Oriented Programming(OOP), Agile Methodology, Data structures and algorithms, Basic knowledge about software testing principles and methodologies

## Soft Skills

- Good communication skills
- Attention to detail
- Leadership skills
- Effective Team player
- Time Management
- Self Learning and Adaptability
- Presentation skills



## Experiences

- Vice Captain of the University Carrom Women's Team for the year 2024
- Online Maths tutor at Third Space Global (November 2024 - Present)
- Social Media Handler of the Computer Engineering Society (CENSOC) (November 2023 - Present)
- Moderator of the AGM of CENSOC for the year 2025



## Achievements

- University colours holder for Carrom in all consecutive years (2022,2023)
- Secured the championship in the Inter University Carrom tournament in 2024.
- 1st runners-up in the SLUG Carrom tournament in 2023
- 2nd runners-up in the Inter University Carrom tournament in 2022.
- Champions in the SLAM invitational Carrom tournament organized by SLIIT in 2023.



## Certifications

- Coursera - Introduction to HTML5
- Sololearn - Introduction to C++
- Sololearn - Introduction to Java
- Cisco Networking Academy - Networking Basics
- Quality Assurance (QA) Techniques and Methodologies - Alison
- Pursuing CIMA Certificate Level



## References

### Dr. Udaya Wijenayake

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### Ms. Akarshani Amarasinghe

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