



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 excel under pressure, take responsibility for my tasks, and thrive as a team player. With the ability to balance academic studies, sports, and extracurricular activities, I am committed to contributing meaningfully and advancing my personal and professional development.

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Links

LinkedIn
www.linkedin.com/in/sethmini-kularatne-3aa180225

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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