

Rashmi Kavindya

Computer Engineering Undergraduate at Faculty of Engineering, University of Sri Jayewardenepura

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[Rashmi-kavindya](#) | [Rashmi Kavindya](#)

Education

University of Sri Jayewardenepura | BScEngHons in Computer Engineering (Reading) 2022 – present

GPA: 3.42 / 4.00 (Upto 5th Semester)

Aquinas College of Higher Studies | Diploma in English Language and Literature 2020 - 2022

Taxila Central College 2011 - 2020

G.C.E. A/L - Physical Science Stream - Combined Mathematics - A, Physics - B, Chemistry - A

Projects

BusHub - Bus Tracking and Seat Booking App | Group March 2024 - Sep 2024

Developed a Flutter app for real-time bus tracking and seat booking. Integrated Firebase for backend services, enabling user authentication, live seat updates, and notifications. Focused on mobile development and real-time data management.

Tools and Technologies: **Dart, Flutter, Firebase, Firestore, Google Maps API, Google Cloud Platform, Stripe API, Github**

JETSET GO - Flight Allocation Web App | Group Sep 2023 - Jan 2024

Built a web app to streamline communication between pilots and engineers, improving flight allocation efficiency and web browser compatibility.

Tools and Technologies: **HTML, CSS, PHP, Laravel, MySQL, Bootstrap**

MartChat - Supermarket Chatbot | Individual May 2024

Created a Python-based chatbot using Flask to assist supermarket customers in finding items and generating shopping lists. Integrated NLP, and PDF generation with ReportLab for real-time item location prediction and list creation.

Tools and Technologies: **Python, Flask, NLP(NLTK), ReportLab, HTML, Bootstrap**

Stockly - Inventory Management System | Individual Ongoing

Developing a web app for predicting stock requirements and tracking expiration dates, with integrated data analytics for inventory forecasting and promotions for near-expiry items.

Tools and Technologies: **Python, Flask, React, HTML, CSS, PostgreSQL, Scikit-learn, Pandas, Plotly**

Technical Skills

- **Programming Languages:** C, C++, Python, Dart, Java, SQL
- **Web Development:** HTML, CSS, PHP, Flask, Laravel
- **Tools:** VS Code, GitHub, Android Studio, Weka, Cisco Packet Tracer, Ubuntu OS, Apache XAMPP, MATLAB, Figma
- **Technologies:** Git, MySQL, Firebase, Firestore, Numpy, Pandas, Google Colab, Flutter

Soft Skills

Teamwork . Leadership . Management . Organizational Skills . Critical Thinking . Problem-Solving . Attention to Detail

Languages

Sinhala . English . Tamil

Extracurricular Activities

Junior Treasurer - CENSOC, University of Sri Jayewardenepura	2024 Dec - Present
Announcer - Wassana Heena 2024	2024 Nov
Committee Member - Publicity Committee, IEEE USJ Student Branch	2023 Dec – 2024 Dec
Organizing Committee – Event Team, ENIGMA Science Exhibition	2024 Feb
Organizing Committee Member & Participant Coordination Team Head - IEEEExtreme 17.0	2023 Oct

Volunteering Experience

Volunteer - Divisarana Animal Welfare Society, University of Sri Jayewardenepura

Heenayata Sawiyak - Organizing Committee Member

Contributed to a community initiative supporting rural education by providing resources, refurbishing facilities, and fostering student engagement through technology and community events.

Competitions & Hackathons

IEEEExtreme 18.0 – 24-hour International Coding Competition	2024 Oct
Country rank-85 Global rank - 952	
J’PuraXtreme 1.0 – Participated in national-level coding competition.	2024 Sep
CodeQuest – Participated in university level 21-Day Coding Challenge	2024 May
Huawei ICT Competition 2023-2024 – Participated in Cloud Track (Sri Lanka)	2023 Nov

References

Dr. Udaya Wijenayake Head of the Department, Department of Computer Engineering, Faculty of Engineering, University of Sri Jayewardenepura. Email: udayaw@sjp.ac.lk Phone: +94764655928	Ms. Akarshani Amarasinghe Lecturer, Department of Computer Engineering, Faculty of Engineering, University of Sri Jayewardenepura. Email: akarshani.amarasinghe@sjp.ac.lk Phone: +94716573164
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