GAYASHI NETHMINI RAMANAYAKE
Computer Science Undergraduate

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in Gayashi Ramanayake ⌥ GayashiRamanayake

PROFILE OVERVIEW

Motivated second-year undergraduate pursuing a Bachelor of Science in Computer Science degree with a strong programming, software development, web development, and problem-solving foundation. Experienced in collaborative projects and practical applications of technology, focusing on developing innovative solutions. Possesses excellent communication, leadership, and teamwork skills, refined through active participation in university societies and extracurricular activities, and dedicated to continuous learning and contributing to impactful projects in the field of technology.

EDUCATION

Higher Education

BSc(Hons) in Computer Science   Jan 2024- Sep 2027
University of Westminster

BSc(Hons) in Information Technology   Jan 2024- Dec 2027
University of Sri Jayewardhanapura

Other Education   - Sirimavo Bandaranaike Vidyalaya, Colombo 07   2009-2023
GCE Advanced Level - Two A passes and one B pass - 2022
GCE Ordinary Level   - Eight A passes and one C pass - 2019

PROJECTS

Personal Finance Tracker (Feb 2024-April 2024)
Technologies: Python, Tkinter, JSON

Developed a CLI and GUI-based application for managing personal finances, leveraging JSON for structured data storage and retrieval.

Life Below Water - Web Development Group Project (May 2024 – August 2024)
Technologies: HTML, CSS, JavaScript

Created a responsive website themed on Life Below Water using HTML, CSS, and JavaScript. enhancing teamwork, coordination, and web development skills.

University Student Module System (June 2024 – August 2024)
Technologies: Java, OOP, File Handling

Designed and implemented a Java program to manage student registrations and module marks using Object-Oriented Programming principles. Improved problem-solving skills and file handling. Learned to write clean and well-structured code following best practices.

Real-Time Ticketing System - Full-Stack Development (October 2024 – November 2024)
Technologies: Java, Spring Boot, React.js, MySQL, JDBC, Multithreading, OOP

Designed and developed a full-stack ticketing system integrating a CLI simulation, a secure backend, and a React frontend. Applied multithreading and synchronization to handle concurrent actions. Built REST APIs for user authentication, ticket management, and real-time database integration to ensure consistency.

EastEstate – Real Estate Platform (November 2024 – December 2024)
Technologies: React.js, JavaScript, React Router, Bootstrap, CSS, React Slick

Developed EastEstate, a responsive real estate platform with property search, filtering, and favorites management. Implemented React UI components, an interactive image slider, and a drag-and-drop favorites system. Optimized the user experience with React Router and Bootstrap.

MoReach -SEO Tool (Ongoing)
Technologies: React.js, Node.Js, Python, MongoDB

Enhancing Online Visibility for Sri Lankan Businesses and Websites: A Strategic SEO Approach

EXTRA-CURRICULAR

Leadership

Sirimavo Bandaranaike Vidyalaya (2021-2022)

Senior Prefect - Successfully managed and coordinated students, maintaining discipline and teamwork across the school. Organized school events, demonstrating strong planning, communication, and problem-solving skills.

Senior Eastern Band Leader - Successfully led the school's Eastern Band and gained experience in leading a group, coordinating performances, and mentoring younger members. Developed teamwork and communication skills by guiding the band through events and competitions

Informatics Institute of Technology (2024-2025)

Membership Development Lead, IEEE Robotics, and Automation Society - Learned how to build and grow a community by encouraging participation and creating engaging opportunities for members. Improved my event planning, collaboration, and leadership abilities by organizing programs and initiatives.

Volunteering
Volunteered IEEE student branch – IIT
Volunteered IEEE RAS – IIT
Volunteered Students' Union – IIT

Participations
Participated in IEEEXtreme 18.0, a Global programming hackathon.
Participated in IX'24, an Ideathon organized by IEEE Computer Society- IIT

SKILLS

Technical skills

Programming - Python, Java, C#
Web development - HTML, CSS, JavaScript, React, BootStrap
Tools - IntelliJ, Visual Studio, Visual Studio Code, Selenium, MySQL Workbench, Python IDLE
Version Control – GitHub, Jira

Soft Skills
Coordination	Task prioritization
Creative thinking	Analytical thinking
Problem-solving	Teamwork,
Presentation skills	Time management
Decision-making	

REFEREES

Mr. Nipuna Weerathunge

Researcher,

Norwegian University of Science and technology.

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