



Sanuli Gehara Jayasekara

Software Engineering Undergraduate

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SUMMARY

Creative and analytical Software Engineering student with a passion for Web Development and DevOps. Interested in Mobile Application Development, AI and Machine Learning. Skilled in building full-stack development using React.js, Angular, Flutter, and currently learning Next.js. Familiar with REST API design, debugging, Agile workflows, and version controlling systems. Recognized for problem-solving skills, adaptability, and strong networking and communication abilities. Seeking internship opportunities to apply my skills in real-world software development settings

EDUCATION

- **BEng (Hons) Software Engineering (Year 2)** Sep 2023 - Present
University of Westminster
- **Foundation Certificate in Higher Education - IT** Sep 2022 - May 2023
Informatics Institute of Technology (Distinction Award)
- **General Certification of Ordinary Level** May 2022
Dharmapala Vidyalaya, Pannipitiya (A -9)

PROJECTS

- **Pawsome App** Jan 2025 - April 2025
A group project on a pet care mobile app featuring a community and an AI chatbot that provides guidance on minor health issues, grooming, and hygiene for dogs and cats. Built using Flutter and Python-based frameworks. Utilized GitHub for version controlling
- **Breast Cancer Prediction, University of Westminster** Feb 2025 - May 2025
Cleaned and prepared a breast-cancer dataset, built and tuned LR, NB, and KNN classifiers for mortality, and a Decision Tree regressor for survival months. Documented in three Jupyter notebooks and an analysis report.
- **Blogger App** July 2024 - Aug 2024
Implemented a web application using MERN stack, for write and share blog posts. Including CRUD operations, admin dashboard and authentication.
- **CityHomes Real-State Marketplace** May 2024 - July 2024
Developed a modern real estate marketplace using Mongo DB, Express.js, React.js and Node.js with state management, robust authentication, CRUD listings, and advanced property search functionality.
- **MealMaster Recipe Application** May 2024 - June 2024
Developed React-based web app powered by the Spoonacular API to fetch and display recipes, including ingredients, step-by-step instructions, and nutritional details.
- **Plan Management System, University of Westminster** Feb 2024 - March 2024
Developed a static airline ticket booking system using Java OOP, enabling customers to book and cancel flights seamlessly. Implemented features for managing personal details and enhancing user control over bookings. Designed a ticket availability display, providing real-time visibility into flight options

CERTIFICATES & COURSES

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| • Atlassian Agile Project Management Professional Certificate
<u>LinkedIn Learning (Agile Project Management, Agile Methodologies, Scrum, Jira, Kanban).</u> | Ongoing |
| • C# and .NET Essential Training
<u>LinkedIn Learning (.NET Framework, C#).</u> | May 2025 |
| • Career Essentials in Software Development by Microsoft and LinkedIn
<u>LinkedIn Learning (Programming, Software Development).</u> | Jun 2024 |
| • Angular Essential Training
<u>LinkedIn Learning (Angular, Programming).</u> | Nov 2024 |
| • Cloud Concepts: Hybrid Cloud Course
<u>LinkedIn Learning (Hybrid Cloud, Cloud Administration).</u> | Jan 2024 |
| • Microsoft Azure Fundamentals (AZ-900) Cert Prep: 1 Cloud Concepts Course
<u>LinkedIn Learning (Microsoft Azure, Cloud Computing).</u> | Oct 2023 |
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TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JavaScript, Dart
 - **Frameworks/ Libraries:** React.js, Next.js (Learning), Flutter, Spring boot, Node.js, Angular, HTML5, CSS3, Tailwind CSS, Bootstrap
 - **Databases:** SQL (MySQL, SQL Server), MongoDB, Firebase
 - **Devops & Tools:** Postman, Git, GitHub, Docker (Learning), IntelliJ IDEA, Visual Studio Code
 - **ML & Data Science:** Pandas, Numpy, Plotly, Scikit-learn
 - **Other Skills:** REST API Development, Agile, SCRUM, MVC Architecture, Cloud Computing (Microsoft Azure Fundamentals), Figma, Social Media Handling, Video Editing
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EXPERIENCE

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| • Technical Writer - <u>Medium Profile</u> | May 2024 - Present |
| • Membership Development Volunteer of CIS - IIT | Feb 2025 - Present |
| • Industry Outreach Volunteer in CodeRally 5.0 - IEEE CS - IIT | June 2024 - Sep 2024 |
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EXTRA CURRICULAR ACTIVITIES

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| • Participated in Problem Solving International Hackathon | Feb 2025 |
| • Participated in SHERlock 2.0 Hackathon | Feb 2025 |
| • Joined to CodeRally 5.0 -24-Hour Hackathon | Sep 2024 |
| • Member of CIS of IIT | May 2024 - Present |
| • Active Member of IEEE - Computer Society of IIT | May 2024 - Present |
| • Member of School Chess Club | 2016 - 2020 |
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REFERENCES

Mr Lankesh Prabashwara

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Mr Thilanga Liyanage

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