

Yasas Ekanayake

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Summary

Passionate about self-learning and IT, I seek opportunities to work with senior software engineers, gain industry experience, learn from professionals, and refine my skills through continuous improvement.

Education

University of Moratuwa, BSc Information Technology (Hons) 2021 – 2025

- CGPA: 3.83

Richmond College Galle, GCE A/L Physical Stream 2019

- Grades: A A B

Professional Experience

Software Engineer Intern, WSO2 – Colombo Jan 2024 – Jul 2024

- Worked with WSO2 MI team & R & D Team
- Intelligent Mediator - WSO2 Intern Project
- WSO2 MI VSCode Extension Developer

Projects

Detection System for Online Safety Against Cyber Threats and Social Engineering (FYP) Attacks 2024-2025

- Developed an intelligent detection system to identify and mitigate manipulative behavior and fraudulent activity in real-time conversations. The project targeted social engineering attacks conducted through chat and audio messages by both humans and web bots, leveraging cutting-edge AI to safeguard users.
- Contribution: Designed and implemented a multi-layered detection framework combining Natural Language Processing (NLP), rule-based systems
- Technologies: Python, TensorFlow, Keras, NLP libraries, ML Algorithms

Emotion-Aware Text Summarizer 2025

- An open-source NLP project that performs emotion-aware summarization using transformer-based models. The system detects fine-grained emotions in text using a RoBERTa-based classifier and generates summaries conditioned on those emotions using an emotion-tagged BART model.
- Technologies: Python, TensorFlow, Keras, NLP libraries, NLP Models, Pytorch
- Link: emotion-summarizer-nlp.vercel.app/

Global Weather App 2025

- A modern, responsive weather app built with React.js showing real-time weather for any location, featuring a 3D globe and 7-day weather history and Forecast.
- Technologies: ReactJS, ThreeJS, Weather API
- Link: global-weather-app-five.vercel.app/

Bus-Ease Intelligent Route & Seat Reservation System 2025

- Developed a web-based platform to streamline highway bus route searches and real-time seat reservations. The system provides multi-leg trip planning, live seat availability, secure bookings, and an admin panel for operators.
- Contribution: Full-stack development, including intelligent route algorithm, real-time seat updates, secure payment integration, and admin dashboard.

- Technologies: React.js, Node.js, Express.js, MongoDB, Redux, Stripe, Vercel, GitHub
- Link: bus-ease-frontend.vercel.app

QA Automation Testing – E-commerce Website (magento.softwaretestingboard.com)

2025

- Conducted automated functional and API testing on a Magento-based e-commerce platform using industry-standard tools. The project ensured application quality through BDD and automated test coverage.
- Contribution: Designed and implemented test scenarios using Cucumber with Serenity BDD, Selenium for UI testing, and Rest Assured for API validation.
- Technologies: Cucumber, Serenity, Selenium WebDriver, Rest Assured, Java, GitHub

Intelligent Mediator - WSO2 Intern Project

2024

- This project involved the development of Intelligent Document Process Mediator for WSO2 MI. A mediator to read documents like images and pdfs, extract value according to schema as a JSON.
- Contribution: Implementation of the whole mediator.
- Technologies: JAVA, Maven, WSO2 MI, ChatGPT API

WSO2 MI VSCode Extension - WSO2 Intern Project

2024

- WSO2 Micro Integrator Visual Studio Code extension (MI for VSCode) is a comprehensive integration solution that simplifies your digital transformation journey. It streamlines connectivity among applications, services, data, and the cloud using a user-friendly low-code graphical designing experience.
- Contribution: Implementation of proxy, message store, local entry artifacts and its operations.
- Technologies: React JS, Java Script

PhotoBoothMe App - Level 2 Software Project

2022

- This system involves the development of a mobile app and web admin panel for event photography and donation services (All the photoshoot profits went to charity and users can give or receive funds) provided by PhotoBoothMe.lk.
- Contribution: Implementation of the notification, donation, feedback and leaderboard, and payment gateway modules.
- Technologies: Flutter, Nodejs, MongoDB, GitHub

Skills

Software: C, Java, Python, HTML, CSS, JavaScript, ReactJS, Docker, Jenkins, Flutter, NodeJS, Spring Boot, ML Algorithms and Applications, Data Analysis, AI API Integrations, Payment Gateway API, Git GitHub, SQL, MongoDB, QA, .NET

Additional Information

Languages: English, Sinhala, Tamil

Awards/Activities: Level 3 Batch Representative of Faculty of IT 2023, Member of Sothern Youth Council 2020, Top 50 RealHack 4.0 2023 organized by HackerRank

References

Ms. Shashika Kumarasinghe: Lecturer, Department of IT, Faculty of Information Technology, University Of Moratuwa, Sri Lanka

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Mr. Rosen Silva: Technical Lead, WSO2 Lanka PLC, No. 105, Bauddhaloka Mawatha, Colombo 04, Sri Lanka

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