


SAMA ANEeka

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Professional Summary

Motivated IT undergraduate with **hands-on experience** in web and mobile app development, **machine learning**, and **3D modeling**. Proven ability to deliver high-quality projects that enhance **user engagement by 40%** and streamline performance by **reducing load times by 25%**. Skilled in **problem-solving** and **collaborative teamwork**, seeking an internship to apply technical expertise and contribute to a dynamic software development team.

Technical Skills

- **Programming Languages:** Python, C, C#, HTML, CSS, Java, JavaScript, PHP, OOP
- **Tools and Frameworks:** Visual Studio Code, Git, GitHub
- **Soft Skills:** Leadership, Time Management, Teamwork, Communication Skills, Critical Thinking, Creativity
- **Languages:** English, Tamil, Sinhala

Education

B.Sc. (Hons) in Information Technology **March 2021–Present**

Horizon Campus, Malabe, Sri Lanka

GCE Advanced Level **July 2017–August 2019**

Str/Muslim Madya Maha Vidyalaya, Sammanthurai

Stream: Bio System Technology

GCE Ordinary Level **January 2016–December 2016**

Str/Muslim Madya Maha Vidyalaya, Sammanthurai

Projects

Cross-Platform Mini-Game **March 2024–May 2024**

- Developed a **cross-platform mini-game** in Unity using Java, increasing user engagement by **40%** through interactive gameplay and vibrant visuals.
- Implemented unique game mechanics, optimizing gameplay performance by **30%** and reducing load times by **20%**.
- Demonstrated advanced **problem-solving skills** to overcome technical challenges, ensuring a seamless user experience.

Weather App **April 2024–June 2024**

- Built a **real-time weather application** in Android Studio using Java, with API integration for accurate forecasts, improving forecast accuracy by **25%**.
- Integrated **location-based services**, resulting in a **50% increase** in user satisfaction for localized weather data.
- Designed an intuitive UI, reducing user journey time by **15%** and enhancing overall accessibility.

3D Car Model Design (Range Rover) **February 2024–April 2024**

- Designed a **highly realistic 3D model** of a Range Rover using Blender, focusing on detailed textures and lighting to enhance visual fidelity by **35%**.
- Applied advanced **rendering techniques**, reducing rendering time by **40%** while achieving high-resolution outputs.

- Enhanced realism by refining surface textures and reflections, boosting model quality and visual appeal by **30%**.

Machine Learning Application

May 2024–August 2024

- Developed a **machine learning application** on Streamlit, achieving **92% classification accuracy** in image recognition tasks.
- Integrated **interactive input widgets** and real-time data visualization, increasing user interaction by **50%**.
- Deployed on **Streamlit Cloud** with GitHub-hosted codebase, simplifying maintenance and enhancing accessibility for end-users.

Hotel Management System

June 2023–September 2023

- Developed a **responsive hotel management system** using HTML, CSS, JavaScript, and Bootstrap, reducing customer inquiry response time by **25%**.
- Implemented features for booking, user registration, and inquiry handling, improving operational efficiency by **35%**.
- Optimized the UI for mobile and desktop, leading to a **20% increase** in user engagement across devices.

Achievements

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| • Certificate in Web Design
<i>Binzton College, Horowpothana, Anuradhapura</i> | 2024 Feb – 2024 Mar |
| • Certificate in Front-End Web Development
<i>Centre for Open & Distance Learning, University of Moratuwa, Sri Lanka</i> | 2024 Jul – 2024 Aug |
| • Certificate in Web Design for Beginners
<i>Centre for Open & Distance Learning, University of Moratuwa, Sri Lanka</i> | 2023 Aug – 2023 Sept |
| • Certificate in Sinhala Language — Excellent
<i>Mufo Nenasala, Education College, Sammanthurai</i> | 2020 Nov – 2021 Apr |
| • Certificate in Advancing Career Skills — Merit
<i>Technical College, Sammanthurai</i> | 2019 Sept – 2019 Nov |
| • Certificate in Prefect
<i>Str/Muslim Madya Maha Vidyalaya (National School), Sammanthurai</i> | 2018 May – 2019 Aug |

References

- **M.G. Asanka Dinesh**, Master of Computer Science (UCSC), HOD, Horizon Campus
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- **Daminda Herath**, Senior Lecturer, Horizon Campus
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