

WELLAGE THISUL BIMSARA

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PROFILE

I am a highly motivated dynamic team player and a technology enthusiast with a high level of confidence, goal-oriented, cognizant of new technologies, committed towards successful completion of projects demonstrating substantial abilities and making an effective contribution from conception to implementation.

TOOLS & TECHNIQUES

- MYSQL
- CSS
- JAVA
- Node js
- React Native
- Java Script
- Linux
- Google colab
- Git
- Python

PROJECTS

PROJECTS: -

Breast Cancer Prediction (Machine Learning)

Building predictive models to classify breast cancer mortality status and predict survival months, utilizing machine learning techniques.

GreenGuardLK Website

Designed and developed a website for the GreenGuard project, focusing on pest and disease detection for agriculture. The website is live at www.greenguardlk.com.

Disease Detection Project

Developed a data-driven system capable of analyzing medical inputs to identify potential diseases, enhancing diagnostic accuracy and supporting healthcare professionals.

ID Verification System

Developed a secure ID verification system, incorporating authentication protocols to ensure identity accuracy and enhance digital security.

Traffic Management System (using Gates)

Engineered a traffic management system with automated features to improve efficiency and reduce congestion, reflecting problem-solving skills in urban infrastructure.

Personal Portfolio Website

Developed a responsive personal portfolio website that showcases projects, blog posts, and contact information. Implemented dynamic features using JavaScript and ensured cross-browser compatibility.

Doctor Channeling Website

Built a responsive website for booking doctor appointments, streamlining patient access to healthcare, and enhancing user convenience.

School Website

Created a basic school website with multiple pages (Home, About, Contact). Demonstrates ability to structure and style static content effectively.

Simple Pest Dataset

Collected and organized a labeled dataset of pest images for machine learning purposes. Structured the data for use in training pest detection models.

Games

Designed and developed multiple engaging games including the Stranded-Island Game, a survival-based interactive experience; the Inki Pinki Poly Game using Python, highlighting logic and user interaction; a culturally themed Sinhala Card Game; and a 2D Jump Game featuring obstacle navigation, scoring, and game-over mechanics—demonstrating creativity, problem-solving, and game development skills.

EDUCATION

- Foundation in Informatics Institute of Technology - 2022 (IIT).
- Diploma in English Language at International College of Business and Technology - 2022(ICBT).
- 3 months course in java, CSS, HTML(game developing) -2022(java institute).
- BSc(HONS) COMPUTER SCIENCE (IIT). - 2024

1st Year: -

- 1.Computer system fundamental.
- 2.Mathematics for computing.
3. Software development I .
4. Trends in computer .
5. Web design and development.

2nd Year: -

1. Database system.
2. Software development group project.
3. Machine learning and data mining .
4. Architect, Web Application Developer.
5. Object oriented programming.

- G. C. E. Ordinary Level (2021, Royal College Polonnaruwa):- 2A 5B 2C

SOFT SKILLS

- Positive attitude
- Time management and organizational skills
- Interested in learning new technologies and knowledge up to date
- Deadline neat
- Good leadership skill.
- Teamwork skill.

EXTRA CURRICULAR

- A member of school football team.
- A member of Yellow Bird cricket team.
- A member of Youth League fc club.
- A member of school swimming team.

- A member of volleyball team.

ACHIVMENTS

- **Python Game Development Challenge** – Recognized for developing an engaging game in Python, showcasing creativity and problem-solving skills in programming. - (2024)
- **UI/UX Design Workshop** – Completed a hands-on workshop focused on high-fidelity prototyping and user-centered design principles. - (2024)
- Oracle Database [Fundamentals](#) - (2025/05,22)

REFERENCES

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