SITHIJA MUDALIGE
COMPUTER SCIENCE UNDERGRADUATE

CONTACT

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SOFT SKILLS

- Problem Solving
- Adaptability
- Teamwork
- Communication Skills
- Time Management
- Attention to Detail
- Self-Learner
- Work Ethic

INTERESTS & GOALS

- Learning and Exploring Cybersecurity Fundamentals
- Building AI-Powered Smart Systems
- Developing IoT-Based Automation Projects
- Experimenting with Machine Learning Models
- Gaining Hands-On Skills in Ethical Hacking
- Exploring Real-Time AI + IoT Applications

ABOUT ME

I am an undergraduate student pursuing a degree in Computer Science with a strong academic foundation in Data Science, Web Development, Advanced Databases, and Communication. My studies have equipped me with practical knowledge in cutting-edge technologies such as Artificial Intelligence, Digital Image Processing, and Bioinformatics. I am passionate about exploring how data, technology, and intelligent systems can be used to solve real-world problems. Currently, I am seeking an internship opportunity where I can apply my skills, gain industry experience, and continue learning as I work towards becoming a skilled professional in the tech industry.

EDUCATION

Bachelor of Science in Information Technology
SIBA Campus, Pallekele
2022 – Present

IELTS Training Program
SIBA Campus, Pallekele
2024 – Present

EXPERTISE & TECHNICAL SKILLS

Frontend Development
HTML, CSS, Bootstrap, JavaScript, React, Angular

Backend Development
PHP, Laravel, Django

Database Development
MySQL, Firebase

Version Control
Git, GitHub

API Development & Integration
Postman

Testing & Debugging
Manual Testing, Selenium IDE, Debugging Tools

AI & Data Science Tools
Jupyter Notebook, Google Colab, OpenCV, TensorFlow (Basics), NumPy, Pandas

Other Skills
Linux Basics, Figma (UI/UX Design), Canva, Document Designing (MS Word, PowerPoint)

LANGUAGES

- English (Advanced)
- Sinhala – (Native)
- Spanish (Beginner)

REFERENCE

Miss. Bhagya Thilakarathne

Head of the department IT SIBA Campus, Kandy

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Mr. Gayan Kanishka

Director & CEO of Circlebook Company, CEO of Qneuron, Lecturer at SIBACAMPUS

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PROJECT PORTFOLIO

Football Learning Web Application
- **Tech Stack:** Django, MySQL, Bootstrap
- **Features:** Personalized training plan selection, progress tracking, motivational interface
- **Highlight:** Integrated AI to recommend suitable football training plans and monitor user progress dynamically.

Footballer Recognition AI System
- **Tech Stack:** Python, Jupyter Notebook
- **Features:** Image processing for identifying football players
- **Highlight:** Trained with footballer image datasets; prompts user feedback for incorrect predictions and re-trains model to improve accuracy.

Inventory Management System
- **Tech Stack:** Java Servlets, JSP, MySQL
- **Features:** Inventory tracking, POS, reporting, user management
- **Highlight:** Full-stack inventory solution with dynamic reporting and secure role-based user access.

Shopping Web Application
- **Tech Stack:** PHP, HTML, MySQL, Advanced Database (Stored Procedures & Triggers)
- **Features:** Item listing, buying, basic cart functions
- **Highlight:** Implemented advanced database management with real-time item updates and transactional integrity.

Inventory Management System for Herath Tiles (In Development)
- **Tech Stack**: Django, React, Firebase
- **Features:** Real-time inventory tracking, sales logging, client-specific dashboard
- **Highlight**: Built for a real client—Herath Tiles—with modern stack integration for seamless data synchronization and responsive user interface.