MAHESHI AMBANPOLA

CONTACT

- 📞 +94766557561
- ✉️ maheshiambanpola@gmail.com
- in Maheshi Ambanpola
- 📍 356, Maya Mawatha, Makumbura, Pannipitiya.
- 🏠 117/1, Medayaya Road, KongasHandiya, Mapakada Wewa, Mahiyanganaya.

EDUCATION

Bachelor of Science Honors in Information Systems
Faculty Of Management Studies, Rajarata University Sri Lanka
2021 - 2025

TOOLS

- Ignition (Inductive Automation)
- PostgreSQL
- Power BI
- Studio 5000
- RSLinx
- Kepware
- Visual Studio
- CISCO Packet Tracer
- MySQL Workbench
- IntelliJ IDEA
- Dreamweaver
- Visual Studio Code
- Matlab
- Trello Board

PROFILE

A passionate Information Systems professional with hands-on experience in Manufacturing Execution Systems (MES), Energy Monitoring Systems, and Network Administration. Skilled in software development, requirement analysis, and IT infrastructure management, with a focus on optimizing business processes through innovative technology solutions. Proven ability to collaborate with cross-functional teams to deliver efficient and scalable systems. Seeking to leverage technical expertise and problem-solving skills to contribute to organizational growth and innovation.

WORKING EXPERIENCE

Automation Engineering(Intern) at Ceylon Biscuits Limited - Corporate Services Pannipitiya   **[August 2024 to February 2025)]**

- Handled the new **Manufacturing Execution System (MES)** Project.
- Handled the new **Temperature Monitoring System**.
- Gathered and analyzed user requirements to design system functionalities.
- Developed interfaces using the Ignition software for production line management.
- Acquired **real-time data** from PLCs using Ignition software.
- Represented real-time data from PLCs in the created MES Demo.
- Represented real-time data from PLCs in the created Temperature Monitoring System.

COURSES & CERTIFICATIONS

The Certificate of Completion PyData Workshop Series   **[2023]**
PyData Sri Lanka

The Certificate Course in Computer Applications Assistant   **[2019]**
NYSCO Computer Training Center

The Certificate of Front-End Development - CSS   **[2024]**
Great Learning Academy

The Certificate of AAT Part I and II   **[2020/ 2021]**
AAT Sri Lanka

The Certificate of English Communication Skills   **[2017]**
TOFEL Language Campus

The Certificate of Computer Technology Part I and II   **[2012]**
NENASALA COMPUTER CENTER

TECHNICAL SKILLS

- MySQL
- Database Management
- Ignition
- HTML
- Networking
- Java
- CSS
- ReactJS
- JavaScript
- Angular
- Software Testing
- Node.js

SOFT SKILLS

- Collaboration
- Initiative
- Quick learner
- Work ethic
- Public Relations
- Teamwork
- Time Management
- Leadership
- Effective Communication
- Learning and adapting to new things quickly

LANGUAGES

- English
- Sinhala

RESEARCH & PROJECTS

The Impact of Artificial Intelligence on the Creativity of IT Projects **[2024]**

"Does incorporating AI in IT project development phases significantly contribute to the project's success?" has been explored here.

Manufacturing Execution System (Demo) **[2024/ 2025]**

This was created using **Ignition SCADA** software. PLC data can be monitored, stored, and visualized in real time through the MES system, as well as historical data.

Real-Time Energy Monitoring System **[2024/2025]**

This was created using languages such as **React.js, Node.js, PostgreSQL** to store data, and Arduino IDE software to retrieve data. Real-time monitoring and visualization of meter data through the system.

O-DOC Web Site **[2023]**

It was created using PHP and CSS languages and storing data in a database, it designed to bridge the distance between doctors and patients.

VOLUNTEER EXPERIENCE

Assistant Event Organizer **[2024]**
Pixel-Eye V4.0 2024
Faculty Of Management Studies

Member **[2021 - Present]**
Business Information Technology Student Association (BITSA)
Faculty Of Management Studies

Member **[2021 - Present]**
SOLOROW club
Rajarata University of Sri Lanka

REFERENCES

1. **Mr. Dinusha Rathnayake**

   Group Project Manager,
   CBL Corporate Services
   No.555
   High-Level Road
   Makumbura
   Pannipitiya
   0773963305
   dinushar.cblcs@cbllk.com

2. **Mr. K.M.P.G.A.J. Bandara**

   Probationary Lecturer,
   Department of information Systems
   Faculty of Management Studies
   Rajarata University of Sri Lanka
   0714512344
   amithb@mgt.rjt.ac.lk