

KANTHAKA MADUMALKA

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Ganthalawa, Dekinda, Nawalapitiya, Sri Lanka 20650

PROFILE

I am an adaptable team player, I excel under pressure while maintaining precision in my work. Driven by a relentless pursuit of goals, I thrive in collaborative environments and leverage strategic problem-solving to achieve success. My passion for optimizing logistics systems and solving real-world challenges positions me as a valuable addition to any team focused on operational efficiency and innovation.

EDUCATION

- **University of Moratuwa** 2022-2026
B.Sc Engineering Honours Moratuwa, Sri Lanka
 - Specialization: Transport Management and Logistics Engineering
 - Overall GPA: 3.45 out 4.0
 - Dean's List: Semester 4
- **CP/H Ginigathena Central College** 2011-2019
Secondary Education Ginigathena, Sri Lanka
 - G.C.E A/L : - Combined Mathematics : A - Physics : C - Chemistry : C - Z Score : 1.16
 - Ordinary Level: - 8 A's, 1 B

EXPERIENCE

- **Bank of Ceylon - Intern** Feb 2021 - Aug 2021
Nawalapitiya, Sri Lanka
 - Six-month Training Period
 - Gained experience in personal banking, scheduling loans, loan recovery, and promotion campaigns
 - **Skills:** Teamwork, Account Management, Customer Relationship Management, Customer Engagement, Inventory Handling, Data Entry (Excel), MS Word, MS PowerPoint
- **Leo Club - Director of Fellowship & Membership Growth** May 2023 - May 2024
University of Moratuwa
 - Contributed to various projects including the "Leo Padura" project.
 - **Skills:** Team Leadership, Teamwork, Problem Solving, Project Planning, Project Management, Communication, Presentation Skills
- **John Keells Logistics - Mentee** Aug 2023 - March 2024
 - Acquired valuable insights into the industry by engaging with corporate experts during mentoring sessions.
 - **Skills:** Teamwork, Presentation Skills

PROJECTS

- **Warehouse Design Project (Ongoing)**
 - Designed a comprehensive warehouse layout, covering all key aspects such as internal and external areas, dimensions, and drawings. Upgraded the warehouse into a smart facility by integrating Arduino-controlled forklifts and implementing advanced technologies to enhance operational efficiency.
 - Technologies: Arduino, Tinkercad, C++
 - Key Areas: Basic Electronics, Designing
- **Waste Collection System Project**
 - Worked on the Waste Collection System and Processing Centre for Dehiwala-Mount Lavinia Municipal Council, identifying key challenges and optimizing processes.
 - Key Areas: Conceptual Designs and Loops, Problem Identification Theories, Problem Solving and Analyzing Techniques
- **Vegetable Supply Chain in Manin Market**
 - Analyzed and optimized the vegetable supply chain at Manning Market, Sri Lanka, by forecasting demand, streamlining delivery routes, and improving product categorization.
 - Technologies: Power BI, Minitab
 - Key Areas: Operations Engineering, Economics, Principles of Supply Chain, Data Science

• SustainEdge SME Accelerator

- Worked on the “SustainEdge SME Accelerator” project, focusing on advancing sustainability in the supply chain, logistics, and transport operations of Three Star Organic Farm (Pvt) Ltd, an SME in the agriculture sector based in Piliyandala, Colombo
- Key Areas: Biomimicry for Sustainable Designs, Industrial Ecology, Circular Economy, Sustainable Transport Systems

TECHNICAL SKILLS

- **Programming Languages:** Python, C
- **Data Analysis Tools:** Power BI, MINITAB
- **Simulation Tools and Drawing:** SUMO, CUBE, FreeCAD
- **Web Technologies:** HTML
- **Other Tools & Technologies:** Arduino, VS Code, Office 365

EXTRACURRICULAR ACTIVITIES & VOLUNTEER EXPERIENCE

- **University of Moratuwa** 2022-2026
 - Member of Chartered Institute of Logistics and Transport Sri Lanka (CILT) - Credential ID S2707
 - Member – Society of Transport and Logistics
 - Bass Guitarist - Classical Music Society
 - MORA Scorer - Football Team UOM
- **CP/H Ginigathena Central College** 2011-2019
 - Senior Prefect 2018/2019
 - President of Science Society 2019
 - Sports Captain 2019
 - 800m colour holder-Sir John Tarbet Junior Athletic Meet 2014.
 - Colour holder (School,Zonal,District)- 800m,400m,Triple Jump, 100*4 , 400*4
 - Member of School Orchestra
 - All Island Music Competition (Eastern Music) 3rd place.
 - Western and Eastern Music competition winner(Province,Zonal)

CERTIFICATIONS

- **ERP basics with SAP (Ongoing)** University of Kelaniya
- **Project Management (Ongoing)** University of Moratuwa
- **Python for beginners** University of Moratuwa
- **HTML for beginners** University of Moratuwa

ADDITIONAL INFORMATION

Languages: Sinhala, English, Tamil

Interests: Teaching, Singing, Exploring

Volunteer Experience: Sasnaka Sansada Foundation

REFERENCES

1. **Prof. Niles Perera**
Professor in Supply Chain Management
Department of Transport Management and Logistics Engineering
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University of Moratuwa
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