

# SUJIKARAN MAHENTHIRAN

## UNDERGRADUATE

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### PERSONAL PROFILE

Motivated Management and IT undergraduate with a strong interest in Logistics and Supply Chain Management. Skilled in process analysis, data management, and problem-solving, with the ability to optimize workflows and align operations with technology solutions. Seeking an opportunity as a Logistics Intern to gain practical experience and build expertise in modern supply chain practices.

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### EDUCATION

**Bachelor of Science (Hons) in Management & Information Technology** Apr 2023 - Present  
University of Kelaniya

- Specialization in Business System Engineering

**G.C.E A/L in Physical Science** Mar 2019 - Nov 2021  
Mu/Udaiyarkaddu Maha Vidyalayam

- Obtained 2C and S
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### PROJECTS

**E-Commerce Web-Based Platform ([Source](#))** Oct 2024 - May 2025

Developed an e-commerce platform for selling handmade products to retail and wholesale customers. Built both a customer-facing website and an inventory management system for admins and employees.

- Technologies & Tools: PostgreSQL, Express.js, React.js, Node.js, GitHub, REST APIs
- Techniques: Full-stack web development, database schema design, authentication & role-based access control, inventory tracking

**Research Project: Sri Lanka Tourism Demand Forecasting** Aug 2024 - Nov 2024

Forecasted post-COVID-19 tourism demand in Sri Lanka, achieving 3rd place in a competition.

- Languages & Tools: R, R Studio, MS Excel, CrowdSnap AI (collaboration)
- Approach: Mixed-methods (quantitative & qualitative)
- Analysis Methods: Time-series forecasting, regression, correlation, descriptive statistics, thematic analysis of survey feedback

**Recipe Mobile App Development ([Source](#))** Aug 2024 - Oct 2024

Designed and implemented a mobile app for browsing, creating, and sharing recipes, improving user engagement and experience.

- Technologies & Tools: Android Studio, Java, Firebase, XML for UI design
- Techniques: Mobile UI/UX design, CRUD operations, cloud-based data storage

**INCO Project – Smart Pet Cage** Mar 2024 - Aug 2024

Developed an IoT-enabled smart pet cage with automation features for pet safety and monitoring.

- Technologies: IoT, sensors, microcontrollers
- Features: Automated water and food level detection, RFID-based pet tag system allowing only the owner's pet to access the cage
- Focus: Product development and marketing strategy

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## KEY SKILLS

### TECHNICAL SKILLS

- Programming & Development
- Web & Mobile Technologies
- Database Management
- Clouds & DevOps
- UI/UX & Diagramming (Figma, draw.io)

### SOFT SKILLS

- Teamwork
  - Critical Thinking
  - Leadership
  - Adaptability
  - Quick Learner
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## CERTIFICATIONS

- Data Science & Analytics and Agile Project Management from HP Life
  - Power BI (Learning) from Microsoft Learning, Power BI Certification from Coursera
  - Web Design for Beginners from the University of Moratuwa
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## EXTRACURRICULAR ACTIVITIES

### Club & Association

- Gavel Club (2024 - Present)
- Leo Club (2024 - Present)

### Leadership & Sports

- Served as the School Senior Head Prefect (2020-2022)
  - Captain of the Under-17 School Football Team (2017-2018)
  - Captain of the Under-17 School Cricket Team (2017-2018)
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## LANGUAGES

- English
- Tamil
- Sinhala (Basic)

## REFERENCE

### Dr. Thilini Mahanama

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### Dr. Chathumi Kavirathna

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## DECLARATION

I hereby declare that the information furnished above is true and correct to the best of my knowledge and belief.

M. Sujikaran