

# RIDMI JAYAWARDHANA

Business Analyst | Requirements Engineering | Stakeholder Management

jayawardhanaridmi0125@gmail.com | +94 71 925 2360

[GitHub](#) | [LinkedIn](#) | [Portfolio](#)

## PROFESSIONAL SUMMARY

---

Highly motivated ICT undergraduate with a strong foundation in data analysis and information systems. Skilled in gathering and analyzing requirements, interpreting data, and translating business needs into structured solutions. Passionate about improving business processes, supporting data-driven decision-making, and bridging the gap between technical teams and business stakeholders.

## EDUCATION

---

**University of Sri Jayewardenepura** June 2023 - Present

Bachelor of Computing Honours in Information Systems (Reading)

- GPA: 3.717/4.0
- Core Disciplines: Business and Information & Communication Technology.

**Esoft Metro Campus, Gampaha** 2022 - 2023

- Assured Diploma in Information Technology | Grade: Distinction
- Assured Diploma in English | Grade: Distinction

**Rathnavali Balika Vidyalaya, Gampaha** 2019 - 2022

- G.C.E Advanced Level Examination (Physical Science Stream)

## PROJECTS

---

**FarmDirect – Smart Agriculture Marketplace Platform** 2026 (Ongoing)

- Analyzing requirements for a MERN-based agriculture marketplace connecting farmers, buyers, and transport providers as Business Analyst, defining workflows and translating business needs into technical specifications.
- Designed and monitored features including crop listing, real-time search, order placement, and transport coordination to improve supply chain efficiency.
- Ensured platform functionality aligned with user needs and improved pricing transparency while reducing post-harvest losses.
- Tools used: MongoDB, Express.js, React, Node.js, REST APIs, GitHub

**PrimeHeal – Smart Healthcare Support System** 2026 (Ongoing)

- Gathering and analyzing business requirements for a MERN-based healthcare platform at PrimeHeal Clinic as Business Analyst, translating stakeholder needs into functional specifications and actionable technical tasks.
- Defined workflows and supervised design of features including appointment booking, cancellation/rescheduling, and role-based dashboards.
- Ensured system functionality aligned with operational goals and improved patient experience.
- Tools used: MongoDB, Express.js, React, Node.js, REST APIs, GitHub

## CSE Market Intelligence Platform

2026

- Analyzing stakeholder requirements for a Python-based stock market intelligence platform as Business Analyst, identifying data challenges and defining workflows for automated extraction, transformation, and loading.
- Designed data pipelines to process over 100 stock records daily and visualized results on an interactive Streamlit dashboard to support informed decision-making.
- Ensured the solution met accuracy and efficiency requirements while streamlining stock data management.
- Technical Stack: Python, Pandas, PostgreSQL, Streamlit

## Minor Projects

2025

- **Homents - Home Services Platform** - Connects homeowners with service providers, worked as Business Analyst & Project Manager. Tools: MERN, REST APIs, GitHub
- **MovieMuse- AI-Based Movie Recommendation System** - Recommends movies based on user preferences using content-based filtering. Tools: Python, Scikit-learn, Streamlit, TMDB API
- **Endless Runner Game - Unity Game Development** - Developed an interactive endless runner game with smooth gameplay and scoring mechanics. Tools: Unity, C#

Projects: [Google Drive Link](#)

## TECHNICAL SKILLS

---

- Tools & Platforms: Microsoft Excel (Advanced), Power BI, Google Sheets, Jira, Microsoft Visio
- Data & Analysis: SQL (MySQL), Data Cleaning, Data Visualization, Reporting, Dashboard Creation
- Modeling & Documentation: UML Diagrams, BPMN, Use Case Diagrams, User Stories, BRD (Business Requirement Documents), SRS Documentation
- Methods & Frameworks: Agile (Scrum, Kanban), Waterfall, SWOT Analysis, Gap Analysis, Requirements Elicitation
- Collaboration & Tracking: Jira, Trello, Slack, Microsoft Teams
- Tools: Git, GitHub
- Web: HTML, CSS, JavaScript

## SOFT SKILLS

---

Communication Skills | Problem-Solving | Teamwork | Adaptability | Time Management | Leadership

## CERTIFICATIONS

---

- Business Analyst Professional Certificate - IBM | (Ongoing)
- Project Management Professional Certificate - Google | (Ongoing)
- Power BI Data Analyst Professional Certificate - Microsoft | (Ongoing)

## REFERENCES

---

DR. WIJENDRA GUNATHILAKE  
– Senior Lecturer,  
Faculty of Computing,  
University of Sri Jayewardenepura  
– Phone: +94 77 373 8756  
– Email: wijendrapg@foc.sjp.ac.lk

DR. D.G.N.D. JAYARATHNA  
– Head of the Department of Scientific Computing / Senior Lecturer,  
Faculty of Computing,  
University of Sri Jayewardenepura  
– Phone: +94 77 024 8192  
– Email: nuwand@sjp.ac.lk