

W A M Wijesooriya

Software Engineer



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[in Madhuranga Wijesooriya](#) | [Madhuranga](#) | [Madhuranga Wijesooriya](#)

PROFILE SUMMARY

Detail-oriented and technically skilled IT professional with over **1.5 years of experience in System Administration and Banking Software Support**, along with **1 year of experience as a Junior Software Engineer**. Experienced in maintaining and automating **SMS modules for financial transactions**, customizing **banking reports**, and supporting **backend systems** in production environments. Holds a **Higher National Diploma (HND) in Software Engineering** and is currently pursuing a **BEng (Hons) in Software Engineering (Top-Up)**. Demonstrates strong problem-solving skills, hands-on development experience, and effective collaboration within cross-functional teams to ensure reliable and secure IT operations in banking environments.

EXPERIENCE

Softwatch Infosys (Pvt) Ltd. | Colombo 03, Sri Lanka.

FEB 2025 - Present

Junior Software Engineer

- Developed and maintained SMS modules (Dialog and Mobitel) for banking alerts.
- Automated alerts for birthdays, fixed deposits, loans, and pawning.
- Customized SQL/JSP reports based on operational requirements

Softwatch Infosys (Pvt) Ltd. | Colombo 03, Sri Lanka.

JUL 2023 – JAN 2025

System Administrator

- Managed servers, user accounts, and networks across the organization.
- Installed updates, monitored performance, and implemented IT policies.
- Reduced downtime and enhanced system security with proactive management.

EDUCATION

BEng (Hons) Software Engineering – London Metropolitan University, UK (Ongoing)

2026 – Present

Pearson BTEC Level 5 HND in Computing (Software Engineering)

March 2022 - August 2024

Esoft Metro Campus (Gampaha)

Diploma in IT

2022

Esoft Metro Campus (Kiribathgoda)

Certificate in Python Programmer Department of Computer Science & Engineering, University of Moratuwa	2025
G.C.E Advance Level Isipathana College Colombo, Sri Lanka.	2020
G.C.E Ordinary Level Isipathana College Colombo, Sri Lanka.	2017

PROJECTS

- **Health Tracker App** | *Flutter, Dart, Health API*
Built a Flutter application featuring **real-time Health API integration** for step/heart-rate tracking and **dynamic data charts**. Managed local storage and optimized build configurations for seamless Android performance. ([Github](#))
 - **AI-Powered ATS Resume Optimizer** | *Python, Google Gemini AI (LLM), Streamlit, PyPDF2, Prompt Engineering*.
Developed a Python-based AI Resume Analyzer using Google Gemini LLM and Streamlit. The tool extracts PDF text to provide real-time ATS match scoring, keyword gap analysis, and actionable optimization feedback, demonstrating expertise in practical AI integration and recruitment automation. ([Github](#))
 - **SmartSpend AI-Powered Personal Finance Tracker** | *Next.js (Frontend), NestJS (Backend), MongoDB, Google Gemini AI, JWT, Tailwind CSS*.
A full-stack AI-driven finance tracker built with NestJS and Next.js. It leverages Google Gemini AI for automated expense categorization and insights, featuring secure JWT authentication, MongoDB storage, and a responsive Tailwind CSS interface. This project highlights expertise in LLM integration, scalable REST APIs, and modern web architecture. ([Github](#))
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TECHNICAL SKILLS

Programming & Development

- Proficient in **Java and C++**, with strong hands-on experience in **object-oriented programming (OOP)** principles
- Experienced in **web development** using **JavaScript, HTML, CSS** and modern frameworks such as **React, Next.js, and Node.js**

APIs, DevOps & Tools

- Comfortable using **Postman** for API testing and validation
- Hands-on experience with **Docker** for containerized application development
- Strong understanding of **Git and GitHub** for version control and team collaboration

Databases & Backend

- Familiar with **SQL and NoSQL databases**, including **MSSQL, MySQL, MongoDB, and Firebase**
- Experience working with **SQL-based reporting** and backend data handling in banking systems

Systems & Infrastructure

- Experienced in **Windows Server, Active Directory,** and **Microsoft 365** administration
- Skilled in **system troubleshooting,** backend support, and implementing process improvements in production environments

Methodologies & Practices

- Knowledge of **Agile methodologies** and collaborative software development practices
 - Experience working closely with development, operations, and business teams in banking environments
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Soft SKILLS

- Strong problem-solving and analytical thinking skills
 - Ability to learn new technologies quickly
 - Time management and ability to meet deadlines
 - Adaptable and flexible in a fast-paced environment
 - Positive attitude and willingness to accept feedback
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REFERENCE

Mr. Harsha Sandaruwan
Mannapperuma,
Assistant Operation Manager,
Softwatch Infosys PVT Ltd
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