

# SAHAN WEDAGE

Designing and developing responsive, SEO-optimized web and mobile solutions.

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## PROFESSIONAL & REAL-WORLD PROJECTS

### Photographer Portfolio Website

#### Seeker Moments

Developed a fully responsive, high-performance portfolio website for a professional photographer

[Live](#)

### Cleaning Service Website | In Progress

#### N & K Spotless Solution

Designing and developing a responsive, SEO-optimized business website for a foreign cleaning service

[Live](#)

### Smart Spent (Mobile Expense Tracker)

#### Sri Lanka Telecom

Engineered a comprehensive financial management app using Flutter, integrating features for tracking warranties and recurring bills with a Node.js backend.

[\[View on Google Play Store\]](#)

## University / Academic Projects

### Farm Management System

Web Application Developed a POS system for farm management using HTML, CSS, JavaScript, and PHP

[Link](#)

### SMART GARBAGE MONITORING SYSTEM

IoT-based smart garbage bin monitoring system with real-time bin status, live location tracking, and report generation from collected sensor data. Next.js, Node.js, Express.js, MongoDB, Firebase, ESP-32

[Link](#)

### News mobile App

Designed an admin panel and user panel for a mobile news app using Kotlin, Node.Js, Express.Js, MongoDB and Next.JS

[Link](#)

### Travel Recommendation System

Building a personalized travel recommendation system that suggests locations based on selected activities. Python, Next.js, Flask, Kotlin

[Link](#)

## EDUCATION

### Diploma in Software Engineering

NIBM University 2023-2024

All Modules Passed, GPA - 3.8

### HIGHER NATIONAL DIPLOMA IN SOFTWARE ENGINEERING

National Institute of Business Management 2024

## SUMMARY

Result-oriented Full-Stack Developer experienced in the MERN stack, Python/Flask, and mobile application development via Flutter. Following a successful internship, demonstrated expertise in unit and integration testing to ensure software reliability. Skilled in managing complex databases with MongoDB and building modern front-ends. Committed to clean code, efficient problem-solving, and timely project delivery.

## Work Experience

### Software Engineer Intern | Sri Lanka Telecom (SLT)

Aug 2025 – Feb 2026 | Colombo, Sri Lanka

- Mobile App Development:** Developed and optimized cross-platform mobile application features using Flutter, ensuring a seamless user experience and responsive UI across Android and iOS.
- Full-Stack Integration:** Collaborated with the backend team to integrate Node.js APIs and managed data flow using MongoDB, improving data retrieval efficiency.
- Quality Assurance & Testing:** Conducted rigorous Unit Testing and Integration Testing for mobile modules, identifying and resolving over [Number] critical bugs to ensure software stability.

## SKILLS

### Frontend

Next.js CSS3 HTML5 Tailwind CSS JavaScript (ES6+)

### Mobile Development

Flutter (Dart) Kotlin Android Studio.

### Backend

Node.js Express.js Python (Flask) Java (SpringBoot)

### Databases

MongoDB Express.js MySQL Firebase SQLite

### Tools & DevOps

Docker Postman Figma Git/GitHub WSL2

### Testing & Quality

Unit Testing Integration Testing

## **INDUSTRY EXPERTIES**

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- Project Management & Team Collaboration
- Problem-Solving & Critical Thinking
- Adaptability in Fast-Paced Environments
- Technical Documentation & Reporting
- Research & Analytical Expertise
- Continuous Learning of Emerging Technologies

## **LANGUAGES**

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Sinhala (Native)

English (Conversional)

## **REFERENCES**

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### **Mr. Manjula Kulathunga**

CEO & Senior Software Engineer,  
WYSHEIT Technologies  
Phone: +94 77 600 0029  
Email : pmkkulathunga@gmail.com

### **Ms. Inoka Abhayasinghe**

Senior Consultant / Lecturer  
National Institute of Business Management (NIBM)  
Kandy Sri Lanka  
Phone:+ 94 77780 7383

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## **Licenses and Certifications**

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- Course Completed: Web Performance Fundamentals, v2
- Course Completed: Tailwind CSS Course Completed:
- Web Security, v2

## **Interests**

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- Photography & Videography
- Generative AI:
- Member of college music band