



INUPAMA PANDIGAMA

Software Engineering (Undergraduate) | Quality Assurance Intern

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ABOUT ME

I am a Software Engineering undergraduate at the Informatics Institute of Technology with a strong interest in both software development and quality assurance. I have hands-on experience in full-stack development and test automation, and I enjoy solving problems, building reliable systems, and ensuring high-quality software through modern development and testing practices.

PROJECTS

Current Veterinary Service Platform (Flutter, Node.js, MongoDB): March 2025

Developed **Veta.lk**, a full-stack veterinary service platform connecting pet owners with vets across Sri Lanka. Built using Flutter, Node.js, and MongoDB to deliver seamless appointment booking, pet care management, and real-time notifications

Real-Time Ticketing System (React, Spring Boot, MySQL): Dec 2024

Developed a scalable web-based system with RESTful APIs to manage event data and handle concurrent ticket reservations. Implemented a user-friendly React interface with real-time updates and secure MySQL data handling.

Plane Management System (Java): Apr 2024

The Java application “Airplane Seat Manager” was designed to control seats. Improve the ability to make relatively precise reservations in aviation more convenient.

Website for Life Below Water (HTML, CSS, JavaScript): Apr 2024

Focus on developing an appealing and attractive website to capture people's online attention. Kad protects a portfolio of the foundation's initiatives and objectives.

Progression Outcomes Predictor Project (Python): Nov 2023

This Python software was designed for educational planning since it can forecast. Scholars' academic performance concerning the input marks.

EDUCATION

BEng (Hons) Software Engineering

University of Westminster | Informatics Institute of Technology (2023 – 2027)

Southlands College Galle (2009 – 2023)

Received 2C and IS in the GCE Advanced Levels Examination (Physical Science Stream)

SKILLS

Technical Skills:

- Java, Python, HTML, CSS, JavaScript, Flutter, React, Spring Boot

Core Concepts:

- Object-Oriented Programming (OOP), Data Structures & Algorithms, Agile SDLC

Soft Skills Management:

- Teamwork, Time Management, Creativity

Language Skills:

- Sinhala, English

CERTIFICATES

- Test Automation (LinkedIn learning)
- Agile Testing (LinkedIn learning)
- Software Testing (LinkedIn learning)
- Learning Angular (LinkedIn learning)
- React Essential training (LinkedIn learning)

EXTRA-CURRICULAR

- Member of the IEEE – Member ID - 100677815

Participation:

- I have been a member of MoraXtreme 9.0, an inspiring coding competition that I have participated in by the IEEE Student Branch of the University of Moratuwa.
- I competed in IEEE Xtreme 18.0, a 24-hour, worldwide coding event organized by IEEE.
- Competed in the Hult Prize 2024–2025 On Campus Program at Informatics Institute of Technology – a global social entrepreneurship challenge focused on solving pressing social issues through innovative startup ideas.

REFERENCES

Mr. Thilina Dilanka Jayasuriya

(Software Engineer at Docupath AI,

Visiting Lecturer at IIT)

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Ms. Kethmini Nadee

(Software Engineer | HCL Tech)

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