DILMITH WATHSALA

UNDERGRADUATE

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🐙 **GitHub Profile**   💼 **LinkedIn Profile**   📖 **Medium Blog**

Motivated and detail-oriented IT undergraduate with hands-on experience in software quality assurance, project management, web development, IoT, and UI/UX design. Skilled in manual software testing, Agile collaboration, user-centered design, and technical problem-solving. Eager to contribute to innovative projects and develop expertise in a dynamic, fast-paced environment.

AREA OF EXPERTISE

- Manual Software Testing & Bug Reporting
- UI/UX Design (Figma, User Research, Prototyping)
- Agile Project Coordination

EDUCATION

Sri Lanka Institute of Information Technology

BSc (Hons) in Information Technology (Specialized in IT) — Currently pursuing

- Currently completing undergraduate degree in Information Technology
- Successfully completed academic group projects related to Web Development, IoT, and Human-Computer Interaction, gaining practical experience

C.W.W.Kannangara Central College, Mathugama

- Completed Ordinary Level and Advanced Level Examinations in the Physical Science stream.

WORK EXPERIENCE

Bank of Ceylon(BOC), Sri Lanka

Project Management Internship   NOV 2024 – MAY 2025

- Collaborated as a Business Team Member in the development and deployment of the BOC FLEX mobile application.
- Contributed to issue tracking, documentation, and communication processes to support project delivery and stakeholder updates.
- Conducted thorough manual testing of Bill Payment features, leading up to the release of the live application.
- Handled JIRA issues and effectively coordinated with IT and Development teams to resolve UAT and live production issues.
- Wrote detailed test cases for the BOC Flex Bill Payment function to ensure quality assurance and smooth functionality.

PROJECTS

- **Research Project – Traffic Violation Detection System (Ongoing)**

  Building a traffic light violation detection system with OpenCV, Python, MongoDB.

- **Explore Lanka – Personalized Tour Planner**

  Developed a MERN stack web app with admin panel, online payment, and CRUD operations.

- **"Riyasewana" Website UI Redesign**

  Conducted UX research; redesigned interfaces using Figma with modern improvements.

- **Online Fruits & Vegetable Buying & Selling System**

  Created a MERN stack e-commerce app with online payment and CRUD operations.

- **Wearable IoT Health Monitoring Device**

  Designed and developed an IoT device using ESP32, MPU6050, OLED display, and WiFi for patient monitoring, with data visualization and control using Node-RED.

SKILLS

Soft Skills

- Problem Solving & analytical thinking
- Attention to detail
- Communication Skills
- Team collaboration & teamwork
- Adaptability
- Empathy & User-centered design thinking

Technical Skills

- UI/UX Design
- Web Design
- Software Testing (QA): Manual testing, quality assurance, test case creation, defect reporting
- IoT & Embedded Systems
- Tools : Jira, Figma, Postman, Vs Code, Android Studio

LANGUAGES

- English
- Sinhala

REFERENCE

Naveen Jayarathne

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