

Dulmi Witharana

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About Me

As a third-year undergraduate IT student, I have built a strong foundation in software development through academic and personal projects. Passionate about solving real-world problems, I aim to contribute to dynamic teams and grow professionally through impactful IT internships..





Education

- Sri Lanka Institute of Information Technology**, BSc (Hons) in Information Technology Specializing in Information Technology Oct 2022 – Present
- **Coursework:** Data Structures / Algorithms, Machine Learning, Cloud Computing, Internet of Things, Data Science
- The Beeline Campus**, Advanced Diploma of English Mar 2022 – Apr 2023
- St: Thomas Girls' High School- Matara**, G.C.E Advanced Level 2012 – 2020
- Physical Science

Experience

- Intern - Software Quality Assurance Engineer**, SIRIUS Technologies Services Dec 2024 – June 2025
- Gained hands-on experience with SQL Navigator and Oracle Database by writing and executing SQL queries for real-time data validation
 - Applied Agile practices by actively participating in daily scrums, sprint planning, and collaborating with cross-functional teams
 - Developed skills in QA testing and bug reporting using Azure Boards, ensuring clear communication and traceability of issues

Projects

- Community Empowerment Hub** 
- Developed the user management and portfolio module, enabling users to securely manage profiles
 - Implemented portfolio features allowing users to showcase skills, innovations, products, and achievements
 - Tools Used: React.js, Node.js, MongoDB, Express, Tailwind CSS
- LearnLink Social Media Website** 
- Built a full-stack social learning platform enabling users to share skills, follow peers, and interact through likes, comments, and real-time notifications
 - Integrated OAuth 2.0 for secure authentication and implemented AI-driven personalized learning plans and smart content search
 - Tools Used: React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Socket.IO, OAuth 2.0, Railway, Vercel
- Tourism Management System** 
- Developed a comprehensive tourism insurance management system with user and admin interfaces
 - Implemented features including dynamic search, automated insurance calculations, and downloadable payment receipts
 - Tools Used: MongoDB, Express.js, React.js, Node.js (MERN stack)
- Online Property Management System** 
- Developed and implemented a landlord profile management module for streamlined property handling

- Created user-side features to enable efficient management and updates of landlord profiles
- Tools Used: Java, CSS, MySQL

Sentiment Analysis Project

- Developed a machine learning-based system to analyze and classify sentiment from textual data
- Trained and tested models to detect positive, negative, and neutral sentiments
- Tools Used: Python, Scikit-learn, Pandas, Jupyter Notebook

WordWise Dictionary Website

- Developed an interactive dictionary website with word search, meaning display, and usage examples
- Implemented a read-aloud feature to assist users with pronunciation
- Tools Used: HTML, CSS, JavaScript

Portfolio Website

- Developed a personal portfolio website to showcase projects, skills, and contact information
- Designed a responsive and user-friendly layout to improve accessibility and engagement
- Tools Used: HTML, CSS, JavaScript

TasteTreasures Food Recipe System

- Developed the TasteTreasures food recipe system using the MERN stack (MongoDB, Express, React.js, Node.js)
- Implemented user authentication, recipe creation, saving, and viewing of favorite recipes
- Tools Used: MongoDB, Express, React.js, Node.js, JavaScript, CSS

NoteMaster Note App

- Developed a versatile note-taking app using Kotlin and Android Studio
- Implemented features including adding, displaying, editing, and deleting notes
- Tools Used: Kotlin, Android Studio

SNAKE Game App

- Developed a classic SNAKE game in Kotlin using Android Studio
- Implemented dynamic snake growth, meat consumption mechanics, and scoring system
- Tools Used: Kotlin, Android Studio

Technologies

Programming Languages: C++, C, Java, Python, JavaScript

Web Development: HTML, CSS, React.js, Node.js, Express.js

Databases: MySQL, SQL, MongoDB, Oracle Database

Frameworks: MERN Stack, Spring Boot

Tools: SQL Navigator, Visual Studio Code, Android Studio, Jupyter Notebook, Git, GitHub, Railway, Vercel

Machine Learning: Pandas, NumPy, Scikit-learn

Version Control: Git, GitHub

Project Management: Azure Boards, Agile (Scrum), GitHub Projects

UI/UX Design Tools: Figma, Mockflow

Certifications

Python for Beginners, Center of Open and Distance Learning, University of Moratuwa – 2024

Web Design for Beginners, Center of Open and Distance Learning, University of Moratuwa – 2024

AI/ML Engineer - Stage 1, Centre for Open and Distance Education, SLIIT – 2024

OOPs in Java, Great Learning Academy – 2023

MySQL Basics, Great Learning Academy – 2023

.NET Fundamentals, Great Learning Academy – 2023

Introduction to Database SQL, Great Learning Academy – 2023
AWS SimuLearn: Computing, AWS Training Certification – August 11, 2025
AWS SimuLearn: Computing Solutions (with Microsoft), AWS Training Certification – August 11, 2025
AWS SimuLearn: Networking Concepts, AWS Training Certification – August 24, 2025
Introduction to Amazon Simple Storage Service (S3), AWS Training Certification – August 18, 2025
AWS SimuLearn: Connecting VPCs, AWS Training Certification – August 24, 2025
Introduction to Azure Virtual Machine, Microsoft – August 11, 2025
Explore Azure Blob Storage, Microsoft – August 23, 2025
Configure Virtual Networks, Microsoft – August 29, 2025

References

Mr. Nadun Gunawardana

Chief Technology Officer – Enterprise Business
Huawei Technologies Lanka Company (Pvt) Ltd.
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