



Dewni Nimmadi
Undergraduate B.Sc(Hons) in Software Engineering

📞 +94 762007491

✉️ wdewni@gmail.com

Profiles

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Summary

As a 4th-year BSc (Hons) Software Engineering student at SLTC, I have built a strong foundation in software development and data science through practical projects. I am passionate about AI, Machine Learning, Deep Learning, and Full-Stack Engineering, and driven by continuous learning and problem-solving. With strong leadership and communication skills, I have successfully led team projects and managed academic and volunteering initiatives, demonstrating my ability to collaborate effectively and deliver results.

Experience

AI Enabled Software Engineer Intern
Softwareplus Pvt Ltd

June 2025 - Aug 2025

Internship
People's Bank, Battaramulla Branch

April 2022 - Oct 2022

Education

B.Sc(Hons) in Software Engineering
SLTC Research University
GPA: 3.6+/4.00

Oct 2022 - Present
Undergraduate

Sirimavo Bandaranaike Vidyalaya Colombo 07

- Successfully completed G.C.E. A/L examination 2020 in Physical Science stream
 - Successfully completed G.C.E. O/L examination 2017
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Technical Skills

Languages: Python, C, Java, JavaScript, HTML, CSS, jQuery

Frameworks & Libraries: React.js, Flutter

AI & ML: Familiar with AI concepts, LLMs, OpenAI API, NumPy, Pandas

DevOps & Tools: Git, GitLab, CI/CD , Docker, Jupyter Notebook, AWS (EC2, S3, Lambda)

Databases: MongoDB, SQL

Development Tools: Visual Studio Code, Python IDLE, Android Studio, MATLAB, GitHub, Figma, Git/GitHub, PowerBI

Soft Skills

Problem Solving
Teamwork
Communication Skills
Leadership
Time Management

Flexibility
Critical Thinking
Creativity
Attention to Detail
Continuous Learning

Languages

English

Sinhala

Achievements

DevThon 2.0 – National hackathon by Leo Club & Rotaract Club of UoM and Leo Club of SLTC; won Proposal Round and advanced to Demo Stage

Codemania v5.0 – Coding competition by SLTC; secured 12th place

LethalBots 2024 – Robotics competition by SLTC Research University; participated

Projects

SentimentScope – ML-Based Sentiment Classifier

Built a machine learning model using NLP to classify comments as positive or negative.

Tech: Python, Scikit-learn, NLP, Flask

InternAlize – AI Internship Assistant

Developed an AI-driven platform that analyzes resumes and provides personalized internship suggestions.

Tech: React, Python, OpenAI API, JavaScript

Big Data Analytics Solution – Healthcare Insights

Developed a predictive analytics pipeline using PySpark and AWS to analyze 55K+ patient records for readmission prediction.

Tech: AWS (S3, EMR, EC2), PySpark, Python, Jupyter

ToDo App – Cloud Productivity Tool

Created a collaborative ToDo app with real-time updates and automated CI/CD deployment.

Tech: React, Docker, Kubernetes, Tailwind CSS

Patient Management System

Designed an SQL-based system for efficient patient record storage and retrieval.

Tech: SQL, Database Design

Real-Time Stock Auction System

Implemented a live stock bidding simulator using Python sockets and concurrent bid handling.

Tech: Python, WebSocket, CSV

Smart Attendance System

Built an IoT attendance tracker using RFID and Arduino with LCD-based real-time status.

Tech: Arduino, RFID, C/C++, Embedded Systems

GPA Calculator – Mobile App

Developed a GPA calculator supporting multiple grading scales with dynamic UI.

Tech: Flutter, Dart

Book Store App

Built a mobile bookstore app with browsing, cart, and real-time updates.

Tech: Flutter, Dart

Food Recipe Website

Created an interactive recipe website with categorized dishes and responsive design.

Tech: HTML, CSS, JavaScript

Portfolio Website

Developed a personal portfolio showcasing projects and skills with a modern dark theme.

Tech: HTML, CSS, JavaScript

Courses

- AI Python for Beginners – DeepLearning.AI
 - Machine Learning for Beginners – Sololearn
 - Python for Beginners – University of Moratuwa (CODL)
 - Web Design for Beginners – University of Moratuwa (CODL)
 - Introduction to AI Concepts – Microsoft
 - Plan and Prepare to Develop AI Solutions on Azure – Microsoft
 - JavaScript and PHP Programming Complete Course – Udemy
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References

H.M.K.H. Herath

Nursing Officer - Super grade
Divisional Hospital, Thalangama
Email: Kanchanahimali326@gmail.com
0718029018

M.D. Cooray

Management Service Officer
Chief Secretary Office (WP)
Email: Muditha3841@gmail.com
078-9416044