



DILSHAN VIMUKTHI

Software Engineering | Full-Stack Developer | AI & ML Enthusiast

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Dilshan Vimukthi github.com/Dilshan62741

SUMMARY

Undergraduate Software Engineering student specializing in Full-Stack Development and Artificial Intelligence. Strong foundation in software engineering principles, modern web technologies, and problem-solving. Motivated to learn, adapt, and contribute to real-world software solutions in a professional development environment.

EDUCATION

LNBTI, BSc (Hons) in Software Engineering

2023 – 2027

LNBTI Japanese IT University

- Focused on full-stack development and AI/ML technologies.
- Actively contributing to open-source projects to enhance coding and problem-solving skills.

Lumbini College, Advance Level, Commerce Stream

2017 – 2020 | Colombo 05

- Advanced Level Commerce stream with a focus on accounting, economics, and business studies.
- Developed a strong understanding of business operations, finance, and economic principles.

SKILLS

Full-Stack — MERN(MongoDB, Express.js, React, Node.js), **AI & Machine Learning** — (Python, Machine Learning Fundamentals, Deep Learning (ANN, CNN), TensorFlow, NLP Basics, LLM Fundamentals, LangChain Basics), **Programming** — (Python, JavaScript, Java, C#, C++), **Frontend Development** — (React, HTML, CSS, JavaScript, Tailwind CSS), **Backend Developer** — (Node.js, Flask, PHP), **Database Administrator (DBA)** — (MySQL, PostgreSQL, MongoDB), **Leadership & Team** — Communication skills

LANGUAGES

English

Sinhala

PROJECTS

ShoeMart, Smart Shoe Retail Management System

09/2025 – Present

Tech Stack: React, Node.js, Express.js, Flask (AI), SQL Server, JWT, Generative AI

- Developed a full-stack shoe retail system supporting online and in-store sales with real-time inventory synchronization
- Implemented WhatsApp-based ordering, delivery tracking, and admin dashboards with secure JWT authentication
- Built a Flask-based AI service for customer chatbot support and automatic product name & description generation

Tour Nexus,

All-in-One Tourist Support System for Sri Lanka

Tech Stack: React, Node.js, Express.js, SQL Server, JWT, AI/ML

- Developed a full-stack, web-based all-in-one tourism support system connecting tourists with hotels, tour guides, and vehicle rental services.
- Implemented secure authentication, booking management, real-time chat, and payment workflows with role-based access control.
- Built an AI-powered trip planning service to generate personalized itineraries based on user preferences, budget, and duration.

CERTIFICATIONS AND LICENSES

Artificial Intelligence & Machine Beginners guide for Deep Introduction to Large Language Learning Learning Models

SKYREK Institute Simplilearn Google

Machine Learning using Python

Simplilearn

Get Started with Databricks for Machine Learning

Simplilearn

SCL Basic

Hacker Rank

SQL Intermediate

Hacker Rank

REFERENCES

D B M Jayathilake, IT Instructor, Lanka Nippon BizTech Institute

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Chobodi Padmaperuma, Lecturer, Lanka Nippon BizTech Institute

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