

THARUSHI NIMNADI

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🌐 Portfolio 🐙 GitHub 🔗 LinkedIn

PROFESSIONAL SUMMARY

IT undergraduate with strong interest in full-stack and AI-driven application development. Experienced in building web, mobile, and machine learning-based systems through individual and team projects. Demonstrated leadership as a team lead in multiple academic projects. Actively seeking a Software Engineer / IT Intern role to gain industry exposure and contribute to real-world solutions.

TECHNICAL SKILLS

Frontend:	React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS
Backend:	Node.js, Express.js, FastAPI, REST APIs
Databases:	MongoDB, MySQL, Firebase
AI / ML:	Python, Machine Learning, Data Analysis
Tools & Platforms:	Git, GitHub, Vite, Vercel, Render, Firebase, Figma
Operating Systems:	Windows, Linux

KEY PROJECTS

BrandyBot - AI Branding Toolkit

Individual / Final Year Project

- Developing an AI-powered branding toolkit that supports logo generation, brand guideline creation, mockups, and chatbot-based assistance.
- Developed a full-stack web application using React, Node.js, FastAPI, and Python-based AI components.
- Focused on usability and accessibility for non-designers and startup users.

Academic Risk Prediction System

Group Project / Team Lead

- Led a team to develop a machine learning-based system for predicting academic performance risks.
- Coordinated data preprocessing, model training, and result analysis.
- Presented outcomes at an academic symposium.

GeoInsight Dashboard

Group Project / Team Lead

- Developed a data-driven dashboard to visualize geographic and analytical insights.
- Guided team members in frontend integration and project structuring.

HerVoice - Safety Mobile Application

Individual Project

- Designed and developed a mobile safety application with emergency alert functionality.
- Implemented authentication and real-time features using Firebase.
- Focused on social impact and user safety.

Bakery Shop Web Application

Group Project / Team Lead

- Led a team to develop a web-based system for a small business scenario.
- Implemented frontend pages and coordinated backend-related tasks.

EDUCATION

BSc (Hons) in Information Technology

Expected 2026

Horizon Campus, Malabe

Current GPA: 3.79 / 4.00

PUBLICATIONS

A Review for BrandyBot: An AI-Powered Branding & Mockup Toolkit for Startups and Non-Designers

Horizon Interdisciplinary Research Symposium (HIRS), 2025

Machine Learning Based Web Application for Academic Performance Prediction

Horizon Interdisciplinary Research Symposium (HIRS), 2025

CERTIFICATIONS

Artificial Intelligence Fundamentals – IBM SkillsBuild (2025)

AI/ML Engineer – Stage 1, SLIIT (2025)

IT Essentials – Cisco (2024)

UI/UX Design with Figma & Adobe XD – Udemy (2024)

LANGUAGES

English – B2 Level

Sinhala – Native