

# VINIRA NAVODITH JAYASINGHA

Computer Science Undergraduate | Aspiring Software Engineer

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## PROFESSIONAL PROFILE

Motivated Computer Science undergraduate with hands-on experience in full-stack, mobile, and desktop application development. Skilled in Flutter, React.js, Node.js, Python, SQL, JavaScript, C#, Electron, API development, database design, and application security, with projects including LawPoint, an offline POS system sold to a local business, and SafeSound, a real-time noise monitoring app.

## EDUCATION

### BSc in Computer Science (Undergraduate)

2024 - 2027

NSBM Green University, affiliated with University of Plymouth

### G.C.E. Ordinary Level (O/L)

Ruhunu Vijayaba National College

## TECHNICAL SKILLS

**Languages:** Python, JavaScript, C#, SQL

**Frameworks & Tools:** Flutter, React.js, Node.js, Express.js, PostgreSQL, Electron, SQLite

**Web & Core Concepts:** HTML, CSS, Object-Oriented Programming, API Development, API Integration, Database Design, Authentication, Application Security

## LEADERSHIP & ACTIVITIES

### Subcommittee Member - Events

Dec 2025 -

CSSL Genz Chapter | NSBM Green University, Homagama

Present

## PROJECT EXPERIENCE

### LawPoint - Full-Stack Legal Services Platform

Flutter, Node.js, Express.js, PostgreSQL

- Built a mobile platform for lawyer discovery, appointment booking, case tracking, and secure document sharing.
- Implemented protected authentication, hashed verification/reset codes, encrypted messaging, and an admin lawyer verification workflow.

Personal  
Project

### Offline Hardware POS + Inventory System

Electron, HTML, CSS, JavaScript, SQLite

- Built and sold an offline desktop POS for Sumith Hardware with barcode billing, cart totals, inventory management, and SQLite-backed local storage.
- Added auto receipt printing, cash drawer support, and a secure Electron preload.js + IPC bridge for reliable offline checkout.

Team  
Project

### SafeSound - Real-Time Noise Monitoring Mobile App

Flutter

- Developed a mobile app that monitors live sound levels, estimates unsafe exposure, and provides practical hearing-safety guidance.
- Added sound-scene detection, session history/dashboard tracking, CSV export, and location tagging for richer monitoring context.

Personal  
Project

## ADDITIONAL INFORMATION

**Certifications:** AI Foundations Associate; EF SET English Certificate 71/100 (C2 Proficient)

**Work Status:** Seeking first professional opportunity in software engineering or development.

**Language:** English