


# SITHUMI NIMNADI

Computer Science Undergraduate

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 Sri Lanka

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## PROFESSIONAL SUMMARY

Computer Science undergraduate specializing in Information Systems, seeking a software engineering or IT internship. Strong foundation in full-stack web development, databases, and IoT-based systems. Hands-on academic project experience using PHP, JavaScript, MySQL, React, and Arduino, with proven teamwork and problem-solving skills.

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## EDUCATION

**BSc (Hons) in Computing (Information Systems)** | 2023 – Present  
Lanka Nippon BizTech Institute (University of Greenwich)

**Diploma in ICT & English** | 2022  
SIBA Campus

**G.C.E. Ordinary Level** | 2016 – 2022  
Sri Lanka Singapore Friendship College

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## TECHNICAL SKILLS

**Programming Languages:** HTML5, CSS3, JavaScript (ES6+), PHP, Java, C#, C++  
**Frameworks & Libraries:** React, Laravel, Bootstrap, Tailwind CSS  
**Databases:** MySQL, PostgreSQL, MongoDB  
**Testing Tools:** Selenium  
**Development Tools:** GitHub, Visual Studio Code, Visual Studio  
**Design Tools:** Figma, Canva

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## PROJECT EXPERIENCE

### Flower Store E-Commerce Platform (Individual Project)

- Developed a full-stack e-commerce web application using PHP, JavaScript, HTML5, CSS3, and MySQL
- Implemented product catalog, shopping cart, checkout system, and admin management features
- Applied CRUD operations, form validation, and database normalization techniques

### Smart Greenhouse Monitoring System (Group Project)

- Designed and implemented an IoT-based monitoring system using Arduino sensors
- Automated temperature, humidity, and soil moisture control to optimize plant growth
- Collaborated in a team environment to integrate hardware and software components

### Solar Tracking Car (Group Project)

- Built a solar-powered vehicle with automatic solar tracking functionality
  - Used Arduino and sensors to improve energy efficiency and sustainability
  - Demonstrated problem-solving and teamwork skills during system integration
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## CERTIFICATIONS

- Basics of Computer Networking – Great Learning Academy
  - Python for Beginners – University of Moratuwa
  - Workshop on Drone, Robotics, and Automation – Robotics Club of LNBTI
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## SOFT SKILLS

- Team Collaboration and Communication
  - Time Management and Organization
  - Problem Solving and Critical Thinking
  - Adaptability and Continuous Learning
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## LANGUAGES

English | Tamil | Sinhala | Japanese

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## REFERENCES

Available upon request