

# RAVINDU SANDUMITH

## Contact Information

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[in Ravindu Sandumith](#)

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Computer Science  
Undergraduate

## PROFESSIONAL SUMMARY

I am a Computer Science undergraduate at the Informatics Institute of Technology (IIT), Colombo, affiliated with the University of Westminster (UOW), London. With a strong foundation in software development and experience working with multiple programming languages, I am passionate about software engineering and eager to apply my skills to build reliable, efficient, and scalable software solutions.

## EDUCATION

### Undergraduate BSc(Hons) Computer Science

Informatics Institute of Technology affiliated with the University of Westminster  
(2024-2027)

### Foundation Certificate of Higher Education

Informatics Institute of Technology  
(2023 May – Dec)

### GCE Ordinary Level , Advanced Level

Royal College Colombo  
(2014 - 2023)

## EXPERIENCE

### Software Development Intern

Prime Minister's Office of Sri Lanka  
(2025 AUG - 2026 FEB)

## SKILLS

**Programming Languages:** Java, Python, JavaScript, TypeScript, Kotlin, PHP, C#

**Web Development & Frameworks:** HTML, CSS, TailwindCSS, React, Node.js, Express.js, Spring Boot, .NET

**Databases:** MySQL, MongoDB, MSSQL

**Tools & Platforms:** Git, GitHub, XAMPP, Firebase, Postman

**Web Scraping & Automation:** Python, BeautifulSoup, website scraping, RSS feed parsing, data cleaning, CSV/JSON handling

**Design:** Figma

## PROJECTS

### **Ceilão.Grid - AR base all in one small scale farming app**

- Mobile app using AR to measure garden space, recommend plants by location, provide weather and market insights, and offer chatbot support.
- Technologies: Kotlin, Java, ARCore, Firebase, Gemini API

### **Leave Application System – Parliament Members & Officers**

- System to submit, track, and manage overseas travel requests for parliament members and officers.
- Technologies: React, Bootstrap, Laravel, MySQL

### **Gate Pass Management of Prime Minister's office**

- A secure digital gate pass system that manages visitor approvals, verifies entries using OTP authentication, and validates access through QR code scanning to ensure controlled and efficient visitor management.
- Technologies: React, Bootstrap, .NET, MySQL

### **Grandpa's Hug – AI Voice Assistant for Kids**

- Voice-powered AI that provides children with a caring, supportive, and age-appropriate companion.
- Technologies: React, Nextjs, .Python, Elevenlabs

### **Sri Lankan News Aggregation API**

- Python web scraping project that collects and structures news from major Sri Lankan media, providing a REST API with category filters, keyword search, and automated updates.
- Technologies: Python, BeautifulSoup, FastAPI, JSON

## ACHIEVEMENTS

### **Cutting Edge Vision Quest - 1st Place (Project Ceilão.Grid)**

Organized by Informatics Institute of Technology

### **Participating to the NBQSA (Team Ceilão.Grid selected to the NBQSA)**

### **Hacktoberfest 2025 – Completed**

Organized by DigitalOcean, GitHub, and Twilio

### **Google Cloud Hackathon 2025 – Participant**

Organized by Google Cloud in partnership with Datadog, Confluent, and ElevenLabs

### **Cypher 2.0 - Certificate of Participation (Team Codestrom selected to top 10)**

Organized by IEEE WIE Student Branch Affinity Group of KDU

## REFERENCES

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