

RAVINDU SANDUMITH

Computer Science
Undergraduate

Contact Information

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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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