

DULINA SAMPATH

COMPUTER SCIENCE UNDERGRADUATE AT IIT

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ABOUT ME

To leverage my Computer Science foundation and passion for cybersecurity to build secure, resilient network environments. I aim to apply analytical problem-solving to strengthen system defenses, optimize performance, and mitigate risks, driving operational efficiency and organizational success.

EDUCATION

BSc(Hons) Computer Science

Sep 2024 - Present

Informatics Institute of Technology (University of Westminster, London)

First Year (Avg: 75%)

- Software Development I and II
- Web Design and Development
- Mathematics for computing
- Trends in Computer Science
- Computer System Fundamentals

Foundation Certificate in Higher Education - Distinction

Sep 2023

Informatics Institute of Technology, Galle - Sri Lanka

General Certificate of Education

Jan 2012 - Dec 2023

Richmond College, Galle

SKILLS

Technical Skills

- Programming & Scripting - Python, Java, JavaScript, HTML, CSS
- Networking - TCP/IP, DNS, VLANs, Routing & Switching, Firewall Configurations
- Frameworks & Technologies - React.js, Node.js
- Databases: PostgreSQL, MySQL, MongoDB

Soft skills

- Problem-solving, communication, teamwork, adaptability, time management

EXPERIENCE

2025 Syntrix	Co - Founder AI-powered ingredient forecasting system that predicts next-day stock needs using past sales data, helping small food shops reduce waste, prevent shortages, and make smarter inventory decisions through a real-time dashboard
2025 Interlevo	Co - Founder AI services company delivering data-driven solutions such as predictive analytics, automation tools, and intelligent dashboards to help businesses optimize operations and improve decision-making

PROJECTS

- **StressRelax Hub**

Developed a health-monitoring and wellbeing platform with real-time stats, guided relaxation tools (music, games), and an integrated doctor-appointment booking feature. Designed a clean, user-friendly UI to improve engagement and accessibility.

- **Syntrix (SDGP Project)**

Building a sustainable e-commerce platform that connects surplus food and reusable goods with people in need. Focused on minimizing waste, promoting responsible consumption, and supporting communities through efficient resource redistribution and awareness features.

- **Hungerless**

Created a web application aligned with SDG 2: Zero Hunger, enabling food donations, community support programs, and resource distribution tracking. Designed to raise awareness on food sustainability and improve access for vulnerable groups.

- **Syntax**

Developed an interactive, logic-based word puzzle game featuring a custom word validation engine and dynamic feedback system. Implemented efficient string-matching algorithms for real-time guess evaluation, responsive DOM manipulation for the grid interface.

ACHIEVEMENTS

- Certified in Java Programming – Beginner Level PDU of Information Institute of Technology
- Certified in Cybersecurity PDU of Information Institute of Technology
- Certified in Networking PDU of Information Institute of Technology
- Foundations of Cybersecurity - Google
- CodeRally 6.0 – Intermediate Tier Participant
- GLO program conducted by Sysco LABS - Certificate of Completion

EVIDENCE FOR TEAMWORKING

- Worked as a UI/UX Designer and Database Manager on the Syntrix project.
- Served as Batch Representative at IIT.
- Member of the IEEE Club at IIT.
- Member of the Leo Club at IIT.

REFERENCES

Manodhya Sudasinghe

Lecturer/Level Coordinator

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Janani Harischandra

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