



# CHANUL NANVIDU

Computer Science Undergraduate

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## ABOUT ME

Second-year BSc (Hons) Computer Science student at IIT, interested in data science and machine learning. Skilled in Python, Java, and JavaScript, with experience building practical applications. A fast learner who enjoys working with data and improving technical skills.

## EDUCATION

### BSc (Hons) in Computer Science

2024 - Present

*University of Westminster (UK) – delivered at Informatics Institute of Technology (IIT), Colombo*

#### Year 2 – 6 Modules

- Database System
- Object Oriented Programming
- Software Development Group Project
- Algorithms
- Server Side Web Development
- Client Server Architecture

*Year 1 – Passed all 6 modules with 120 Credits*

### Foundation

2023 - 2024

*Informatics Institute of Technology (IIT)*

Passed all 7 modules

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

2012 – 2023

*Royal College Panadura*

Completed in 2021

## CERTIFICATION

### • Web Development – Distinction

Professional Development Unit (PDU), Informatics Institute of Technology (IIT)

### • Machine Learning – Distinction

Professional Development Unit (PDU), Informatics Institute of Technology (IIT)

# PROJECTS

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- **Full-Stack E-Commerce Website – Ongoing**

Developing a MERN stack e-commerce platform with user authentication, product catalog, shopping cart, and payment gateway integration.

- **Last-Mile Delivery Optimisation Platform (Ongoing)**

Building an AI-powered system to generate accurate delivery ETAs and optimise multi-stop courier routes using real-time traffic data, machine-learning-based rider behaviour modelling, and automated stop sequencing. Includes a Flutter mobile app for drivers, an admin dashboard for tracking, and backend services for route optimisation, live location streaming, and notifications.

# SKILLS

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|----------|--------------|-----------------|---------------------|
| • Python | • JavaScript | • Figma UI / UX | • Node.js & Express |
| • Java   | • MySQL      | • React.js      | • Basic ML concepts |

# REFERENCES

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**Sahan Gunathilaka**

DevOps Engineer – Next Retail Ltd

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**Lakshan Costa**

Informatics Institute of Technology  
Senior Lecturer

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