

# BIHANDU METHSILU

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## SUMMARY

Dedicated undergraduate student at Informatics Institute of Technology (IIT). currently pursuing a degree in Computer Science. Passion for Frontend developments. My academic journey is complemented by hands-on projects where I strive to apply my knowledge in solving real-world problems. I am open to internships and collaborative opportunities that allow me to enhance my skills and grow professionally in the tech industry

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## TECHNOLOGY PROFICIENCY

- Excellent Programming Language in Python, JAVA, JavaScript, HTML
- Experience in using CSS, React JS, NEXT JS and SpringBoot
- Database Management Skills in MySQL and MongoDB
- Soft Skills in Leadership, Teamwork, Critical Thinking and Problem Solving
- Special Skills in Professional Photography and Videography

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## PROJECTS

### MOOD BEATS

Ongoing

**Technologies Used: React Native, Python, MongoDB**

MOODBEATS is an innovative application designed to integrate music generation. Facial Recognition and Voice Recognition into a unified system.

By leveraging advanced machine learning algorithms and user-friendly interface. MOODBEATS can generate personalized music experiences. Including song generation and automated cover generation. Created and Designed Home page, Navigation bar, Log-in page, User profile using React Native. Supported to connect Frontend and Backend with team members.

### PLANE MANAGEMENT SYSTEM

February 2024 - April 2024

**Technologies Used: JAVA, Object Oriented Design (OOD), MySQL**

Developed a console-based application using Java 21 for managing plane seat reservations. Implemented features to view seat availability, book and cancel seats, and display seating layouts dynamically.

Designed to handle multiple flight seating arrangements, enhancing reservation flexibility. Optimized backend for efficient data management and seamless seat reservation processes. Created a responsive user interface to improve the overall user experience.

### PURE ENERGY

February 2023 - March 2023

**Technologies Used: HTML & CSS, JavaScript**

Natural Energy generating products website. That user can use it to buy products, services and have a knowledge about Solar Energy System.

Implemented features to buy products and small description about Solar Energy System. Created a responsive user interface to improve the overall user experience.

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## EDUCATION & CERTIFICATIONS

### **B Sc. (Hons.) in Computer Science**

**May 2023 - Present**

University of Westminster

Informatics Institute of Technology (IIT), Colombo 10

### **Foundation Certification in Higher Education**

**September 2022 - April 2023**

Informatics Institute of Technology (IIT), Colombo 10

### **General Certificate of Education (Ordinary Level)**

**December 2021**

Mahanama College, Colombo 03