

# Vinuja Wanmini

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## Personal Summary

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Devoted IT student passionate about designing and implementing scalable, high-performance systems. Proficient in developing innovative and robust web applications, optimizing code, automating processes, and enhancing user interfaces. Able to perform effectively under pressure and thrive in collaborative team environments. Eager to contribute to dynamic teams by promoting problem-solving and driving technological innovation.

## Education

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### Sri Lanka Institute of Information Technology (SLIIT)

B.Sc (Hons) in Information Technology

May 2023 – Present (3rd Year)

### General Certificate of Education (Advanced Level)

Biological Science Stream

Passed

## Certifications

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### Getting Started with NodeJS

[View](#) 

- Acquired a solid foundation in NodeJS development, showcasing a strong starting point for building efficient and scalable server-side applications.

### Python for Beginners (Verification Code: xkFILZFkGZ)

[View](#) 

- Mastered core Python programming concepts, including data structures, file handling, and scripting for automation.

### React Essential Training

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- Developed proficiency in building interactive and scalable web applications using React, focusing on component-based architecture.

## Projects

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### Waste Management System

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- Engineered a **full-stack MERN** application to empower users with tools for locating nearby waste collecting and recycling centers and accessing educational resources on sustainable practices.
- Implemented **responsive UI** with **React** and **secure backend APIs** with **Node.js** and **Express.js**, integrated with **MongoDB** for **efficient data management**.
- **Tools Used: React, Node.js, Express.js, MongoDB**

### School Management System

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- **Java-based** project designed to streamline school administrative tasks and enhance access to academic and student data, including student records, staff management, reporting, and a contact us module.
- Designed a **user-friendly interface** with **HTML** and **CSS**, integrated with **MySQL** for **efficient data storage** and **retrieval**.
- **Tools Used: PHP, MySQL, HTML, CSS**

### Online Teacher Trainer Platform

[View](#) 

- **PHP-based** project focused on teacher development, featuring four levels that users must complete to earn certification, enhancing their skills progressively.
- Designed a **user-friendly interface** with **HTML** and **CSS**, integrated with **MySQL**

for **efficient data storage** and **retrieval**.

- **Tools Used:** PHP, MySQL, HTML, CSS

#### Finance Tracker App

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- Created a **mobile application** to help users **track expenses**, **set budgets**, and **visualize financial data** with **intuitive dashboards**.
- Developed the app using **Android Studio** and **Kotlin**, focusing on **smooth performance** and a **user-friendly experience** for **Android devices**.
- **Tools Used:** Kotlin, Android Studio

## Technologies

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**Languages:** C++, C, Java, SQL, JavaScript, Python, PHP, Kotlin, HTML, CSS

**Libraries and Frameworks:** React, Node.js, Express.js

**Tools:** Git, GitHub, Android Studio, Figma, Postman

## References

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### Nalindu N Adihetti

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