

# KALHARA THABREW

## Undergraduate Software Engineering

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## ABOUT ME

Passionate and self-driven Computer Science undergraduate with hands-on experience in real-world software projects aligned with Sustainable Development Goals (SDGs). Skilled in full-stack development, algorithms, and machine learning, with a strong foundation in data structures, object-oriented programming, and system design. Proven ability to lead, collaborate, and innovate under pressure. Actively pursuing industry certifications and internship opportunities to apply my technical expertise, problem-solving skills, and eagerness to grow in a fast-paced software engineering environment.

## EDUCATION

PINNAWALA CENTRAL COLLEGE  
Ordinary Level  
2021

INFORMATICS INSTITUTE OF  
TECHNOLOGY  
Foundation in IT  
2022

UNIVERSITY OF WESTMINSTER  
BEng Hons Software Engineering  
2023

## SKILLS

- Full-Stack Web Development
- Object-Oriented Programming
- Data Structures & Algorithms
- Version Control with Git & GitHub
- Software Development Lifecycle & Agile practices

## EXPERTISE

- HTML, CSS, JavaScript
- React
- Java
- SQL
- Python

## PROJECTS

DIGITAL IDENTITY VERIFICATION SYSTEM USING BLOCKCHAIN  
TECHNOLOGY - TRUSTIFY

**Blockchain Developer** ————— **NOW-2024**

Developed and deployed blockchain-based identity verification for Trustify, using Solidity smart contracts on the SKALE Network. Improved security, data privacy, and decentralization with trustless verification and Web3 best practices.

MARKETING WEBSITE FOR TRUSTIFY - TRUST05

**Full stack Developer** ————— **2023-2022**

Developed and deployed Trustify's marketing website using React.js, hosted on Netlify with a focus on responsive UI, cross-browser compatibility, and core web vitals optimization. Ensured SEO readiness, component reusability, and CI/CD efficiency for high-performance delivery.

EMPLOYEE-SELF-SERVICE-PORTAL

**Full stack Developer** ————— **2021-2020**

Designing and developing an ongoing individual Employee Self-Service Portal (ESSP) using Spring Boot and Oracle Database, focused on automating leave requests, approval workflows, and employee management. Built with enterprise-grade architecture, emphasizing scalability, modular design, and role-based access control (RBAC).

## EXTRACURRICULAR ACTIVITIES & ACHIEVEMENTS

### ● CRICKET CAREER (2017-2021)

**Vice Captain** \_\_\_\_\_ **2017-2021**

Served as Vice Captain of the SPS Cricket Club, responsible for organizing training schedules and practice sessions. Represented the First XI team of Pinnawala Central College in inter-school competitions.

### ● SWIMMING CAREER

**Short Distance** \_\_\_\_\_ **2017-Present**

Actively participated in school and provincial-level swimming events. Certified as a life saver after completing a recognized one-day training camp.

### ● STUDENT LEADERSHIP

**Representative** \_\_\_\_\_ **2018**

Elected representative of the School Students' Parliament, contributing to event planning and student advocacy.

## LEADERSHIP & VOLUNTEERING

● Member – University Data Analytics Society \_\_\_\_\_ **2024-Present**

Engaged in data-driven projects, knowledge-sharing sessions, and collaborative research within the university community.

## REFERENCE

MR. NILAN NIYOMAL NATHANIELZ

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I hereby certify that, to the best of my knowledge, information on this resume is accurate and truthful.

Signature : 

Date : 05-21-2025