


MANUJA PINSARA

SOFTWARE ENGINEERING
UNDERGRADUATE



+94 74 010 7900 

manuja.20232229@iit.ac.lk 

75, Springfield Gardens, 

Haliwala, Galle

ABOUT ME

A highly motivated Software Engineering student at the University of Westminster with expertise in full-stack development, databases, and algorithms. Passionate about building scalable software solutions, I have hands-on experience in Java, Python, React.js, and MySQL through academic projects. Strong problem-solving skills with a focus on clean code, optimization, and user-centric design. Seeking opportunities to apply my technical knowledge in a professional IT environment.

EDUCATION

2023 - Present

University of Westminster

BEng(Hons) Software Engineering

Informatic Institute of Technology Sri Lanka affiliated with the University of Westminster, Colombo

- Object Oriented Programming
- Database System
- Software Development Group Project
- Server-Side Web Development
- Algorithms, Theory, Design and Implementation
- Software Engineering Principles and Principles and Practice
- Software Development I
- Mathematics For Computing
- Trends in Computer
- Computer Systems Fundamentals
- Web Designing and Development
- Software Development II

2022

Mahinda College

G.C.E. Advanced Level (Commerce Stream)

Passed in Commerce Stream with Accounting (B), ICT (C), Business Studies (C)

2019

Mahinda College

G.C.E. Ordinary Level

Passed Ordinary Level with,

- | | |
|-------------------|--------------------|
| • Mathematics (A) | • History (B) |
| • ICT (A) | • Commerce (B) |
| • Drama (A) | • Science (C) |
| • English (B) | • Buddhism (C) |
| • Sinhala (B) | • Tamil (2020) (C) |

PROJECTS

Software Development Group Project (Cheap Chaser)

We created a travel platform that simplifies trip planning for tourists visiting Sri Lanka. **Cheap Chaser** offers a user-friendly experience, integrating features like itinerary customization, budget tracking, and accommodation and activity bookings into one easy-to-use interface.

Quality Education Website

Developed a responsive web application inspired by the UN SDG Quality Education, featuring a Gallery Page with Descriptions, Content Page and Sitemap, using HTML, CSS, and JavaScript for an engaging user experience

Real-Time Event Ticketing System (Java OOP)

Built a full-stack event management solution featuring multithreaded seat allocation and concurrent booking handling, demonstrating OOP principles and exception handling in Java.

University Grading Visualizer (Python)

Developed a dynamic grading analysis system using Python with graphics.py, transforming raw academic data into interactive histograms that visually represent grade distributions across faculties.

Plane Management Console (Java)

Created an aviation operations system utilizing 2D arrays for seat mapping and flight scheduling, with CSV data persistence for airline staff administration.

Personal Portfolio (React)

Built a responsive portfolio with React.js featuring animated project showcases, a dark/light mode toggle, and integrated contact form. Deployed on Vercel with optimized performance.

EXTRACURRICULAR ACTIVITES

- Divisional Officer at St. John Ambulance Brigade – Galle District (2024)
- Cadet Leader at St. John Ambulance Brigade (2021-2022)
- Chief Student Consultant (Prefects' Headboard) at Mahinda College (2020)
- Senior Prefect at Mahinda College Board of Prefects (2019- 2020)
- Vice President of Mahinda College Mass Media Circle 2021/22
- Prefect at Bodhiraja Dhamma School (2017/18)
- Member of Mahinda College Mass Media Circle (2014-2022)
- All Island Singer Cricket Tournament U13 Runners-Up Team Member 2015
- Member of Mahinda College scout troop (2011-2015)

PROFESSIONAL CERTIFICATES

- Certificates of Participation in coding competitions
 - HaExtreme 3.0
 - Hult Prize
- Linked in Learning
 - Certificate in [Advanced Java Programming](#).
 - Certificate in [React.js Essential Training](#)
 - Certificate in [Java Object-Oriented Programming](#)
 - Certificate in Python for Beginners
 - Certificate in React: Using TypeScript
 - Certificate in React Essential Training

SKILLS

- Technical Skills : React , HTML , Css , Python , Java , Spring Boot , My SQL , Javascript
- Soft Skills : Teamwork , Communication , Leadership , Quick Learner , Time Management

REFERENCES

Salitha Perera

BEng(Hons) Software
Engineering Software Engineer |
Assistant Lecturer | Faculty of
Computing | Informatics
Institute of Technology

Phone: +94 743922332

Social: salitha.p@iit.ac.lk

Shavin Fernando

BEng(Hons) Software
Engineering Software Engineer |
IFS R&D International|
Visiting Lecturer | Informatics
Institute of Technology

Phone: +94 773592037

Social: shavin.fernando@ifs.com