



ISUM PERERA

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Mawathagama
Isum Perera Isum Perera

UNDERGRADUATE SOFTWARE ENGINEERING

I am a second-year Software Engineering undergraduate eager to gain industry experience in frontend and backend development. Passionate about problem-solving, I thrive on tackling technical challenges and continuously expanding my skills in software development. I am seeking an internship opportunity to apply my knowledge, enhance my expertise, and contribute effectively to a dynamic team.

EDUCATION

University of Westminster- Bachelor of Engineering Specialized in Software Engineering

2023-2027

Successfully completing the required credits in the degree program while gaining comprehensive knowledge in front-end and back-end programming, database management, and algorithmic problem-solving, with a focus on industry-relevant technologies.

Maliyadeva College

2009-2022

G. C. E . Advanced Level 2022 - Physical Science Stream - BBC
G. C. E . Ordinary Level 2019- 7A & 2B

PROJECTS

1. Gem Process Management (Group project)

Sep 2024 - Present

- Research Project: Aiming a platform to streamline communication and operations between business owners, customers and workers, enhancing the efficiency in gem industry.
- Tech-Stack: React Native, Node.js
- Key Contribution: Pages like Gem tracker, Gem Display, User display in frontend. Connect, user display pages in backend

2. Marketing Website (Group project)

Sep 2024 - Present

- Research Project: Designing and implementing key UI components to enhance user engagement and showcase app features..
- Tech-Stack: React
- Key Contribution: Feature page, contact page, header and footer

[GitHub](#) [Maanikya](#)

3. Ceylon Map Book (Group project)

June 2024- July 2025

- Research Project: Developing an interactive travel guide showcasing hidden gems across Sri Lanka.
- Played a key role in the research and development of the project.
- Tech-Stack: HTML, CSS, JavaScript
- Key Contribution: Designed and implemented the destination pages

[GitHub](#) [Ceylon Map Book](#)

4. Real-time Ticket Management System

Oct 2024 - Dec 2024

- Research Project: Developing a ticketing system with real-time communication.
- Tech-Stack: Java, React, Springboot, WebSockets
- Implemented a CLI with Java, Frontend with React, Backend with Spring Boot

[GitHub](#)

5. Good Health and Well-being Website(Group project)

March 2024 - April 2024

- Research Project: Developing an Web application aligning with United Nations Sustainable Development Goals.
- Tech-Stack: HTML, CSS, JavaScript
- Key Contribution: Profile Page, Team Page, Page Editor and Content Page.

[GitHub](#)

6. Airplane Ticket Management System

Feb 2024 - March 2024

- Research Project: Developing an airplane ticketing system with purchasing ticket, searching ticket, canceling ticket, printing ticket info features.
- Tech-Stack: Java and OOP

[GitHub](#)

7. Student Progression Predictor

Nov 2023 - Dec 2023

- Research Project: Implementing Python to create a mark evaluation system.
- Tech-Stack: Python

[GitHub](#)

SKILLS

Technical Skills :

- Frontend: React, React Native, HTML, CSS, JavaScript
- Backend: Node.js, PHP, Spring Boot, Java, Python, C, C++,C#
- Database: MySQL, MongoDB
- GIT
- UI/UX: Figma

Soft Skills :

- Problem Solving
- Effective Communication
- Research and Development

CERTIFICATIONS

- Web development for beginners - University of Moratuwa
- Data Science and machine learning fundamentals - Co-op finance institute
- Java Object Oriented Programming - LinkedIn Learning
- Node.js Essential Training - LinkedIn Learning
- React.js Essential Training - LinkedIn Learning
- Getting started In Spring Development - LinkedIn Learning
- Project Management - LinkedIn Learning
- Semi-finalist - Thinkwave 2.0 - School Level - University of Moratuwa

EXTRACURRICULAR ACTIVITIES

Mozilla Club of Informatic Institute of Technology - Volunteer

OC member - CodeDrop

IEEE of Informatic Institute of Technology - Volunteer

Logistic Volunteer at Cutting Edge 24'

Rotaract Club of Athugalpura - Member

DAS of IIT - Volunteer

Logistic Volunteer at BootCamp 2025

Table Tennis Player

REFERENCES

Mr. Prashan Rathnayaka,
Lecturer in Math. & Stat.,
School of Computing,
Informatic Institute of Technology.
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Mr. Gayan Gopallawa,
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