



SITHUM RAIGAMAGE

SOFTWARE ENGINEERING INTERN

CONTACT



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28/15 ,Mahakatuwana Road,
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20/08/2002

SKILLS

- Java
- HTML
- CSS
- Python
- MySQL
- PostMan API
- Git and GitHub

CERTIFICATES

- Micro Control and Robotics
- Java
- MySQL Essential Training
- Java Object-Oriented Programming
- Java Swing
- Machine learning

INTERESTS

- AWS
- Machine Learning
- UI/UX
- Swift
- Flutter
- NextJs
- CyberSecurity
- MongoDB

HOBBIES

- Photography
- Gaming
- Podcasting
- StoryTelling
- Content Creating

ABOUT ME

I am dedicated software engineering undergraduate with a strong commitment to continuous growth. Eager to learn, adapt, and overcome challenges in the pursuit of becoming a full stack developer.

EDUCATION

BEng (Hons) Software Engineering(Reading)

Informatics Institute of Technology

2022-Present

Second Year

Second Semester

- | | |
|---|-------------|
| • Algorithms Theory Design and practice | In Progress |
| • Machine Learning and Data Mining | In Progress |

First Semester

- | | |
|--|-------------|
| • Object Oriented Programming | In Progress |
| • Database Systems | In Progress |
| • Software Development Group Project | In Progress |
| • Software Engineering Principles and Practice | In Progress |

First Year

Second Semester

- | | <u>Marks</u> |
|---------------------------------|--------------|
| • Software Development II | 55 |
| • Computer Systems Fundamentals | 78 |
| • Web Design and Development | 69 |

First Semester

- | | |
|------------------------------|----|
| • Software Development I | 69 |
| • Mathematics for Computing | 59 |
| • Trends in Computer Science | 70 |

G.C.E (Advance Level) Examination

2021-2022

Lyceum International School Nugegoda

Physical Science Stream(Local)

G.C.E (Ordinary Level) Examination

2017-2018

Lyceum International School Nugegoda

ACHIEVEMENTS/PARTICIPATIONS

- GIT 101 Workshop
- ChatGPT Generative AI Workshop
- Postman Workshop
- Aquathon
- Fidenz API Workshop
- Fidenz Docker Workshop
- Webspire Front End Development Workshop
- UOW International Problem Solving Hackathon

LANGUAGES

- English
- Sinhala

VOLUNTEER WORK

- Member of IEEE
- Industry Engagement
Volunteer of IEEE Computer Society
- Volunteered of Rotaract Club of IIT
- Adobe Photoshop Volunteer of IEEE Computer Society

SOFT SKILLS

- Leadership
- Communication
- Time Management
- Teamwork
- Project Management
- Effective Communication
- Critical Thinking
- Team Player

SPORTS

- Badminton
- Cricket
- E-Sports

PROJECTS

UNIVERSITY PROJECTS

CeraFlaw(Python, Flask, YOLOv8, Dart, Flutter)

CeraFlaw, a cutting-edge Ceramic Tile Visual Defect Detection System, was developed in collaboration with Macktiles. YOLOv8 was used for object detection, which improved accuracy and efficiency of defect identification. The backend was built using Python and Flask. The frontend was developed with Dart and Flutter for a seamless cross-platform experience. This project not only enhanced the quality assurance process for ceramic tiles but also demonstrated my ability to work with complex technologies and deliver innovative solutions.

ShoppingCart(Java, Swing,OOP)

Implemented a comprehensive shopping cart system using Java, Java Swing, and Object-Oriented Programming principles as a university project. Designed intuitive user interfaces with Java Swing for seamless shopping experience. Utilized OOP concepts to ensure modularity, extensibility, and maintainability of the system. Implemented functionalities including adding/removing items, calculating totals and discounts, and managing user sessions.

SELF PROJECTS

Portfolio(HTML,CSS,JavaScript)

For my portfolio project, I crafted a dynamic website from scratch using HTML, CSS, and JavaScript. Employing modern design techniques, I ensured seamless user experience across devices. Leveraging CSS animations and transitions, I enhanced the site's visual appeal and interactivity. JavaScript was integral for implementing dynamic content loading and form validation. This project showcases my proficiency in front-end web development and my ability to create engaging, user-centric experiences.

REFERENCES

Mohan De Zoysa(Visiting IIT
Lecturer)
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