



SITHUM RAIGAMAGE

SOFTWARE ENGINEERING INTERN

CONTACT



+94 762498784



sraig2002@gmail.com



<https://www.linkedin.com/in/sithum-raigamage>



<https://github.com/SithumRaigamage>



28/15, Mahakatuwana Road,
Homagama



20/08/2002



<https://sithumraigamage.github.io/Portfolio/>

SKILLS

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

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

ABOUT ME

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

EDUCATION

BEng (Hons) Software Engineering(Reading)

Informatics Institute of Technology

2022-Present

Second Year-Reading

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-Completed

Second Semester

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

First Semester

- | | |
|------------------------------|-----------|
| • Software Development I | Completed |
| • Mathematics for Computing | Completed |
| • Trends in Computer Science | Completed |

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
- Micro Control and Robotics-GermanTech

HOBBIES

- Photography
- Gaming
- Podcasting
- StoryTelling
- Content Creating

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,OpenCv,Object Detection)

CeraFlaw, a cutting-edge Ceramic Tile Camera based Defect Detection System, has been developed in collaboration with Macksons Tile Lanka(Pvt)Ltd. YOLOv8 was used for object defect detection and the backend has been built using Python and Flask. The frontend was developed with Dart and Flutter.I contributed in both frontend and backend, creating various layouts using flutter for every different functional requirements and implementing the backend for model training and training the model.

ShoppingCart(Java, Swing,OOP)

developed 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.Introduced 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.

Flutter_Demo(Flutter and Dart)

Implemented following a comprehensive YouTube tutorial to gain proficiency in Dart and Flutter. Developed basic functionality and UI components, fostering understanding of cross-platform mobile development and enhancing proficiency in Flutter framework.

REFERENCES

Mohan De Zoysa(Visiting IIT
Lecturer)
National Operations Manager
BANCSTAC
Level 37, West Wing, World Trade
Center, Colombo 01
G: +94 115 143 143 | D: +9477 444
8244 |

Avishka Jayawardhana
Associate Software Engineer
Fidenz Technologies.
3rd floor, 239 Nawala Rd,
Sri Jayawardenepura Kotte
11222
amavjaye@gmail.com
+94766738438