Sithum Gamage

Software Engineering Undergraduate (4th Year)

As a beginner, I strive to associate myself as a Software Engineer with an organization where I can utilize my skills in the best possible manner, which shall further give me an opportunity to start my career journey while contributing to the development organization.

Contact Me

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- https://github.com/SithumGamage98
- https://www.facebook.com/sithum.gamage.1232/
- https://sithumgamage98.github.io/sithum_web/

Technical Skills

- **Programming Languages**

  JavaScript , Java , C , C++ , PHP

- **Frameworks**

  ReactJS , NodeJs , Express , Spring Boot

- **Web technologies**

  HTML, CSS , Jquery, Bootstrap , XML

- **Database Technologies**

  SQL, Oracle , SQLite , MySQL , Firebase, MongoDB , MariaDB

- **Server Technologies**

  Tom Cat, XAMPP, Apache

- **Mobile Technologies**

  Android , React Native

- **Source Control**

  Git & GitHub

- **IDEs**

  Visual Studio Code, Eclipse , Android Studio ,NetBeans, R Studio, IntelliJ

- **Concepts**

  Object-Oriented Programming, Relational Database

- **UI/UX**

  Figma , AdobeXD

EXPERIENCE

2023 February - 2023 August

Intern Software Engineer - Rig-Serv LLC

- Here I successfully completed my six month internship period.
- I gained experience in developing, **ReactJs, Java, HTML, CSS, Jquery**, **IFS ERP** and **Acumatica ERP** systems, **Oracle, Microsoft SQL Server, REST APIs , Postman, XML, JSON, Enterprise Resource Planning (ERP) , Project Management**
- Earned Acumatica "**Technical Specialist**" badge.

EDUCATION

2020-2024 -

B.Sc. (Hons) in Information Technology Specializing in Software Engineering

Faculty of computing-Sri Lanka Institute Of Information Technology **(SLIIT)**

*CGPA - **3.2** (Up to 2nd year 2nd semester)*

2nd year 2nd semester - 3.16	1st year 2nd semester - 3.02
2nd year 1st semester - 2.72	1st year 1st semester - 3.65

2004 - 2017 -

G.C.E Advance Level Examination 2017(7664338) - Biological science stream

Mo/J.M Kumaradasa Mahavidyalaya - Wellawaya

CORE PROJECTS

Individual Projects -

2023 - July

"Revonta Herbs" E-commerce web application

- Implemented JWT-based user authentication for secure and seamless login
- Handled product management functionalities, including upload, update, and delete operations.
- Developed a comprehensive shopping cart system
- Integrated PayPal payment gateway for secure online transactions.
- Implemented an email service for order notifications and updates.
- Introduced a product review system to gather user feedback

Technologies Used : **Node.js, React.js,Express, MongoDB, JWT, PayPal API, Mailgun API, HTML,CSS,Postman API , Docker and Kubernetes**

Available at - https://github.com/SithumGamage98/Revonta_Herbs

2024 - Feb

Customer Management Web Application

- Implemented customer management functionalities, including create, update, view in both table and card , delete operations
- Implemented Junit testing
- Implemented user friendly and responsive UI designs

Technologies Used : **Spring Boot, React.js , MariaDB ,Maven Postman API , HTML, CSS**

Available at - https://github.com/SithumGamage98/Customer-Management-System

Interpersonal Skills

- Desire to learn & a fast learner
- Excellent leadership skills
- Flexible team Worker
- Great time management
- Effective Communication

Areas Of Interest

- Full Stack Development
- Front-end Development
- Back-end Development
- Software Quality Assurance (QA)

Languages

- **English** - Professional Working Proficiency
- **Sinhala** - Native

Extra-Curricular Actvities

Jun. 2022 - May 2023-

Activity Director - *Leo Club of SLIIT*
Under category crime and road accident prevention

August. 2022 - December-

Senior Leader - Program Team
From *IEEE (IEEE WIE Student Branch Affinity Group of SLIIT)* side in event "Pitstop 4.0"

January.2022 - Present -

Volunteering Member - *IEEE WIE Student Branch Affinity Group of SLIIT*

Jul. 2021 - Apr. 2022 -

Project Chairperson - *Leo Club Of SLIIT*
Project "Meegha Dhara" - Category under clean water & energy conservation

Group Projects -

2023 - Present

"ParkiSence" final year research project

- Implementing "AI based Parkinson detection system"
- Handle "Early signs Parkinson detection" using human finger pressure data
- Trained Machine Learning model (RFC) and Achieved a high accuracy (of ~90.2%)
- Implemented mobile application using Flutter, Firebase
- Implemented research web using React.js, HTML, CSS

2023-April-

"Travelo" online tour guide web application

AF group project | 3rd year | Associated with SLIIT

As a project leader, for this project, I created the "Tour Package Manager" module
Technologies Used : **MERN Stack | ReactJS | NodeJS | Express | MongoDB**
Main functions -

Available at - https://github.com/SithumGamage98/SPM_TourGuideManagement

2022-October -

Solar selling Mobile Application

UEE group project | 3rd year | Associated with SLIIT
As a project leader, for this project, I created the "Buyer" module
Technologies Used : **Java | Firebase | Android studio**

A*vailable at -* https://github.com/Pabasaraa/UEE-Project-JAVA

2021-October -

Online Travel Web Application

OOP group project | 2nd year | Associated with SLIIT

Here too as a project leader, for this project I created the "Tour Package Manager" module

Technologies Used : **OOP concepts | Java | Apache TomCat server | MVC architecture SQL | HTML | CSS**

2021-May -

Online Music Instrument Store System

IWT group project | 2nd year | Associated with SLIIT

For this project, I created the "System Administrator" module
Technologies Used **: PHP | HTML | CSS | SQL | XAMPP server**

NON-RELATED REFERENCES

Ms. Sanjeevi Chandrasiri
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