JANIDU WELARATHNA



Personal Information

Full Name:

Janidu Himansa Welarathna

Phone:

+94 70 550 3304

Date of Birth:

2002-Mar-09

Civil status:

Single

Nationality:

Sri Lankan

Address:

Colombo, Sri Lanka.



Janiduhwelarathna@gmail.com



<u>Janidu-Welarathna</u>



<u>janiduwelarathna</u>



<u>janiduhimansa</u>



janidu-himansa

I am a dedicated, self-motivated full stack developer with a passion for learning and solving challenges. Known for my strong work ethic, adaptability, and teamwork, I thrive in both independent and collaborative environments. I take pride in delivering high-quality results while consistently following best practices.

Experience

Junior Full Stack Developer

SoftEdgeLab: Sep-2024 to Present.

- Designing and developing front-end and back-end solutions for the NoctaWalk project.
- Gaining expertise in best practices and addressing non-functional requirements.
- Following Agile practices and ensuring timely delivery of projects.
- Familiar with ClickUp and experienced in writing user stories.
- Technology Stack .NET, React.js, AWS, Firebase



Education

Undergraduate | Jul-2022 to Present.

Bachelor of Science (Hons) Computer Science and Software Engineering – University of Bedfordshire - UOB(UK).

(Sri Lanka Institute of Information Technology City Uni (SLIIT) - Colombo Sri Lanka).

Undergraduate Research | University of Bedfordshire: Feb.2025 – Present Research Topic: Explainable AI Powered Mental Health State Capturing Application to Support Students' Mental Wellness and Academic Stress Mitigation.

- Creating an AI system to detect students' mental health issues early, by analyzing their voice to recognize stress and emotions.
- Using explainable AI (XAI) to make the system's decisions easy to understand, and helping students get support for their academic stress.

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Projects

1. Banana Runner Game (2025) (MERN stack, Three.js)

A 3D endless runner game where the player avoids obstacles on a road. If hit, the game ends, but players can earn an extra life by solving a math puzzle using the Banana API. Character customization unlocks at specific point thresholds, making gameplay more engaging.

2. Customer Care Web Application (2025) Java (Servlet/JSP)

Built a customer support system with CRUD operations for managing users, FAQs, services, and support tickets. Includes a full admin dashboard to handle system configurations and customer interactions.

3. Event Management System (2024) (MERN stack)

Developed a MERN stack event management system with features including event creation, booking, ticket generation, email notifications, QR code generation, and user authentication.

4. Issue Tracker Management System (2024) (MERN stack)

Created a MERN stack application for tracking and resolving departmental issues. Features include issue creation, commenting, report generation, and email notifications.

5. Eye-Site Web Application (2024) (MERN stack)

Developed a MERN stack application for an optical shop. Users can view products, make appointments, send feedback, and inquiries. Admins can manage products, appointments, employees, suppliers, and generate monthly report.

6. Android Quizzler Application (2023) (JAVA)

Developed a mobile app for creating and answering quiz questions within a timed format. Users can view results after completing the quiz

Technologies

Frontend & Backend

Java

JavaScript

Python

React JS

Express JS

Node JS

Restful Web Services

C/C++

.Net

PHP

HTML

Spring Boot

Database

MySQL

Microsoft SQL Server

Mongo DB

Firebase

AWS

Mobile Platforms

Android

Flutter

Other

Machine Learning

Image Processing

Using GIT repository

7. Java Swing Application (2023) (JAVA)

Created a Java Swing application for MyShare, automating ad campaign management. Showcased expertise in Java programming and UI design to enhance operational efficiency.



Achievements

Pearson - Mind Studio Hackathon (2024) - Finalist

Participated in the "Mind Studio" hackathon organized by Pearson Lanka and Colombo Al Conclave. Led my team to the finalist with our project titled "Al-Powered application to identify brain tumors using MRI images".

Technology: Machine learning & Image Processing

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Extracurricular Activities

- Technical Blog Writer https://medium.com/@janiduhwelarathna
- Member of SLIITA Photography club (Sliita photography)
- Member of SLIITA Badminton Club.
- Member of event organizing team of SLIITA Faculty of Computing Student Community.
- Member of IMAGE ART Academy (Photography)
- Ministry of Telecommunication, Foreign Employment and Sport, Inter district Sport compition-2019 (Wrestling).
- Senior Prefect of St/Joseph's College Anuradhapura 2017 2018.
- IDM national campus 2016 (ICT SKILLS)
- Giko Open Karate Championship- 2014.
- Provincial Invention Exhibition- 2013 (Multipurpose Robot)



Key Skills and Competencies

- Demonstrated ability to work independently as well as in a team environment.
- Interested in learning new technologies and keeping technology knowledge up to date.
- Process good analytical skills as well as logical skills.
- Excellent communication and interpersonal skills
- Strong problem-solving and troubleshooting skills, with a systematic approach to addressing challenges.
- Ability to prioritize work.
- Presentation skills.
- Leadership skills.

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Non-related Referees

Mr. Jayampathy Balasuriya

CEO

vFullstack Pvt Ltd,

Sri Lanka.

Phone: +94 77 788 9394

Email: j2damax@gmail.comstarsNo

Mr. Pubudu Nallaperuma

SLIIT City Uni, Colombo 03, Sri Lanka.

Phone: +94 77 5773725

Email: pubudu.n@sliit.lk