



JANITH HATHNAGODA


SOFTWARE ENGINEERING INTERN

PROFILE INFO

As an IT undergraduate, I'm eager to learn from industry professionals and gain practical experience through an Software Engineering internship. With a passion for problem-solving and collaboration, I'm grateful for my academic record and excited to develop my skills in a real-world environment.


Language: English ●●●●●

EDUCATION

 **BSc (Hons) in Information Technology**
University of Moratuwa
Expected Graduation : Aug 2025

 **2011 - 2019**
Bandaranayaka College Gampaha

 **International Diploma in Computing**
IDM Nations Campus

 **Diploma in Software Engineering**
Esoft Metro Campus

ACADEMIC ACHIEVEMENTS



Dean's List:

- Level 1, Semester 2 (SGPA : 3.85)
- Level 2, Semester 1 (SGPA : 4.04)

Current Overall GPA : 3.85



Advanced Level Examination (A/L):

- **Combined Mathematics : A**
 - **Chemistry : A**
 - **Physics : B**
 - **General English : A**
- Z score : 1.8233**



Ordinary Level Examination (O/L):

- **9 A passes including Mathematics and Science**



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11/C,Amunugoda,Imbulgoda



github.com/janithht



linkedin.com/Janith Hathnagoda



medium.com/Janith Hathnagoda

MY SKILLS

Programming Languages

- Java
- Python
- C

Frameworks

- HTML
- CSS
- Javascript
- Flutter
- React.js
- Node.js
- Django

Database

- MySQL
- Mongo DB

Version Controlling

- Git

Non Technical and interpersonal skills

- Communication
- Problem solving
- Time management
- Leadership

REFERENCES

Dr. Upeksha Ganegoda

Senior Lecturer

University of Moratuwa

Phone: 0719968294

Email: upekshag@uom.lk

Mr. Ayantha Warnakulasuriya

Assistant General Manager

Printcare PLC

Phone: 0774913171

Email: ayantha.w@printcare.lk

CERTIFICATIONS AND LANGUAGE PROFICIENCY:

- Completed Cambridge English Flyers, KET, PET Exams, British Council Colombo

PROJECTS

Event photography and donation System, Full Stack Developer, 2022 - 2023

- **Project Description:** The project aimed to develop a user-friendly mobile and web application for PhotoboothMe, which allows its customers to select preferred packages to take photos in their events (Weddings, Birthday parties etc.). Additionally, it implements a method for donors to donate for company fund and donees to request for financial and educational help. AWS S3 storage facilitated photo management, while an intuitive photo gallery allowed fullscreen viewing and downloads.
- **Technologies Used:** Flutter, Node.js, MongoDB database, AWS S3 Services
- **Results and Accomplishments:** I successfully designed and developed essential features, such as the user authentication system, including sign-up, sign-in, and password recovery functionalities. Additionally, I implemented role-based user login, ensuring secure access to different user groups. By utilizing AWS S3 storage, I efficiently managed and displayed photos in the photo gallery, enabling users to view, download, and administrators to upload images seamlessly.

 <https://github.com/janithht/User-SignUp-SignIn>

 <https://github.com/janithht/AWS-S3-Gallery>

Company Trash Robot, Team Leader, 2021 -2022

- **Project Description:** Our hardware project aimed to design and build a robot capable of efficiently collecting trash within IT companies. The primary goals were to develop a robot that could navigate through a predefined path using DC motors and encoders, detect the presence of individuals in its vicinity, communicate with the office staff using a GSM module, open trash lids using IR sensors, display the trash level using ultrasonic sensors, and notify the janitor when it required emptying.
- **Tools and Technologies Used:** Atmel Studio 7 (C Programming), Proteus Software, Blender software, Kicad Software
- **Results and Accomplishments:** One of the major accomplishments I achieved was the implementation of motor encoders to calculate the distance traveled by the robot. This feature allowed for precise navigation along the predefined path, ensuring comprehensive coverage of the office space. By accurately measuring the distance using motor encoders, the robot was able to optimize its movements using DC motors and collect trash efficiently.

 https://github.com/janithht/HardwareProject_TrashRobot

Personal Portfolio Website

- **Technologies Used:** Reactjs, CSS3, Javascript, Emailjs

 <https://my-portfolio-b6038.web.app/>

EXTRACURRICULAR ACTIVITIES

- Member, IEEE Student Branch, University of Moratuwa
 - Participated in NFB Championship
- Member, Rotaract Club Moratuwa, University of Moratuwa
- Swimming Squad, Bandaranayaka College Gampaha
- Member, Science Society, Bandaranayaka College Gampaha, 2017 -2019