



# SHIREEN SHAMIL

UNDERGRADUATE AT UNIVERSITY OF MORATUWA | BSC.IT

## PROFILE

- I'm an IT undergraduate focused on building practical tech solutions. I have experience in web development and working with microcontrollers. I'm always looking to learn more and take on new challenges in the field of technology.

## PROJECTS

### Hardware project (Level 1 Project)

- "**SafeShut**": An automatic shutoff ironboard
- Developed a smart iron board system using Arduino Mega, incorporating ultrasonic, temperature and PIR sensors to detect inactivity. The system automatically shuts off the iron for enhanced safety, featuring real-time monitoring, data logging, and power usage tracking.

TECHNOLOGIES: ARDUINO, C++, Blender

### Web development project (Level 1 Project)

- "**SereniCraft**": An ecommerce platform
- Developed a fully responsive eCommerce platform for SereniCraft using HTML, CSS, JavaScript for the frontend, and PHP with MySQL for the backend. The website allows customers to browse products, manage carts, and complete purchases securely. Node.js was used for handling asynchronous operations and integrating third-party services. Key features include product filtering, user accounts, secure payment gateways, and an admin panel for inventory management and order tracking.

TECHNOLOGIES: HTML, CSS, PHP, JavaScript, MySQL

### Association Website

- "Panadura Undergraduates Association": An informational Website
- Developed an informational website for the Panadura Undergraduate Association to promote its activities, events, and community support initiatives. The site provides easy access to event details, membership information, and resources for students. Features include a responsive design for mobile compatibility, user-friendly navigation, and a content management system for easy updates by the association's team. The website aims to enhance communication between members and provide a platform for the association's outreach programs.

TECHNOLOGIES: HTML, CSS, PHP, JavaScript, MySQL

## CONTACT

📞 0774751513

✉️ shireenshamil11@gmail.com

📍 No,15A Horana Road Panadura

## EDUCATION

2023 - 2027

### UNIVERSITY OF MORATUWA

- Bachelor of Science Honours in Information Technology (BScHons (IT))
- GPA 3.6/4.0

2024 - 2025

### AQUINAS COLLEGE OF HIGHER STUDIES - MARADANA

- Higher National Diploma In English Language and Literature

2019 - 2022

### JEELAN NATIONAL CENTRAL COLLEGE - PANADURA

- Advanced level, Biological Sciences
- 2AB - 1.75

2008 - 2018

### ALAVIYA MUSLIM MAHA VIDYALAYA - PANADURA

- Ordinary level
- 8AB

# TECHNICAL SKILLS

---

## PROGRAMMING LANGUAGES

- Python
- PHP
- Java
- SQL
- C
- HTML
- Javascript
- CSS

## WEB DEVELOPMENT

### FRONTEND

- HTML
- REACT
- CSS
- BOOTSTRAP

### BACKEND

### DATABASE

- PHP
- MySQL
- Node.js

## VERSION CONTROL

- GIT
- GitHub

## SOFTWARE TOOLS

- Visual Studio Code
- Figma
- IntelliJ IDEA
- Canva
- Eclipse

# SOFT SKILLS

---

- Communication
- Teamwork
- Problem Solving - Solved 150+ algorithmic and data structure challenges on LeetCode and HackerRank, focusing on improving problem-solving, optimization, and coding efficiency.

# LANGUAGES

---

- English
- Tamil
- Sinhala
- French
- Korean

# CERTIFICATIONS

---

Fundamentals of machine learning- Microsoft

Python for Data Science, AI & Development - IBM

# ACHIEVEMENTS

---

Participated in IDEALIZE and selected to second round

Participated in ENIGMA and got 15th place

# WORKING EXPERIENCE

---

Rotaract Club Of the University Of Moratuwa - Designer July 2024

- Design promotional materials, including flyers, posters, and social media graphics for events

Panadura Undergraduates Association - Web Master July 2023

- responsible for managing and maintaining the association's website, ensuring timely updates, and optimizing performance. Additionally, providing technical support, ensuring security, and collaborating with teams to keep content accurate and engaging.

LinkedIn : <https://www.linkedin.com/in/shireen-shamil-3aa53326a>

Github: <https://github.com/ShireenShamil>