



Shakila Kularathna

IT UNDERGRADUATE

ABOUT ME

A passionate undergraduate at the University of Moratuwa with a solid foundation in programming languages who is eager to gain practical experience as a software engineering intern. An ambitious person who leverages problem-solving skills, effective communication, and a collaborative mindset to contribute to innovative projects. I possess the ability to communicate technical concepts to diverse audiences and thrive in team environments, combining strong leadership qualities with adaptability and a drive for continuous learning.

EDUCATION

- **University of Moratuwa**
BSc (Hons) in Information Technology | Expected 2025
Current GPA – 3.6 (Up to Level 2 Semester 1)
- **Wisdom Business Academy**
CIMA certificate level qualification | 2019-2020
- **AIB Sri Lanka**
Diploma in Digital Marketing | 2020-2021
- **Ananda College Colombo** | 2016-2019
G.C.E Advanced Level Examination | 2019
Physical Science Stream
Results: Combined Mathematics-A | Physics-B | Chemistry-A
Z-score: 1.455 | old syllabus
- **Lyceum International School** | 2003-2015
G.C.E Ordinary Level Examination
9A's

CONTACTS

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- linkedin.com/in/shakila-kularathna
- github.com/shakila2030
- stackoverflow.com/shakila
- hackerrank.com/shakilakularath

TECHNICAL SKILLS

- **PROGRAMMING LANGUAGES**
Java C
C#
- **WEB DEVELOPMET**
HTML CSS
JavaScript ReactJS
ASP .NET Core
- **DATABASE**
MYSQL MSSQL
- **IDEs**
IntelliJ IDEA VSCode
CLion Xcode
Visual Studio Atmel Studio
Code blocks
- **VERSION CONTROLLING**
Git

- **OTHER**
Figma Kicad
Proteus Simulation
SketchUp

SOFT SKILLS

- Teamwork
- Leadership
- Honesty
- Adaptability
- Communication
- Creativity

INTERESTS

- Exploring new things
- Learning upcoming technologies
- Public Speaking
- Online Gaming
- Music
- TV series

REFEREES

- **DR. SAMINDA PREMARATNE**
Senior Lecturer,
Department of Information
Technology,
Faculty of Information Technology,
University of Moratuwa

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- **MS.P.G.S.UPEKSHA**
Lecturer,
Department of Interdisciplinary
Studies,
Faculty of Information Technology,
University of Moratuwa

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PROJECTS

- **Smart Ventilator System**
First Year | Hardware Project

A smart ventilator system that automates the supply of oxygen to patients with minimum professional attention. The oxygen supply is automated depending on whether the patient's blood oxygen level is sufficient. Sensors measure the patient's vital information, and solenoid valves control the oxygen supply when required.

Role: Group Leader | Programmer

Technologies: C language, Atmel Studio, Proteus Simulation, KiCad, EasyEDA

- **Procurement Management System**
Second Year | Software Project

A software solution that helps organizations streamline and automate the process of purchasing goods, from the requisition of items to the payment to vendors, ensuring efficient procurement operations. This process also includes the selection of vendors and the filtering of appropriate items and services required by an organization.

Role: Team Member | Full-Stack Developer

Technologies: React.js, .NetCore, MSSQL

- **Game-Zone**

Software that contains multiple simple games such as tic-tac-toe, the jump-and-run game, the memory game and the falling ball game.

Role: Developer

Technologies: JavaScript, CSS, HTML

EXPERIENCES

- **Technical Writing Intern**
Techylo Solutions
- **Web Developer**
Rotaract Club | University of Moratuwa
- **Prefect** | Lyceum International School

CERTIFICATIONS

- Google Ads Search Certification
- Google Analytics Individual Qualification
- CS50: Introduction to Computer Science

PARTICIPATIONS

- **Realhack 4.0 competition** | participant
- **MoraXtreme 7.0** | participant
- **Event-OCTWAVE**
Webinar on Artificial Intelligence and Machine Learning | participant