

# FATHIMA SAHLA

## IT Undergraduate



## Education

**University of Moratuwa** 2022-2026

BSc Hons Information Technology  
SGPA: 3.46/4.00

**Mahmud Ladies College Kalmunai** 2010-2018

GCE AL – Biological Science  
Physics – C | Chemistry – B | Biology – C

GCE Ordinary Level  
9A

## Projects

### DataVerse-L2 Project(Group)- 2024

Natural Language based Data visualisation tool  
A tool to connect databases and visualise data using NL

Contribution:

- **Data Visualization Module:** Designed and developed visually compelling and interactive components.
- **Charts Page & Components:** Created dynamic charts and tables for real-time data representation.
- **Customization & Persistence:** Implemented features for editing, saving, and viewing visualizations.
- **Data Validation:** Ensured accuracy and reliability of displayed information.

Technologies: React.js, SQLite, Python, Django Rest framework, Chart JS

### Portfolio (Individual)-2024

- **Sections:** Home, About, Skills, Projects, Contact
- **Smooth scrolling navigation, Dark and Light mode options, Responsive Design**

Technology: React Js, Css

## Contacts

☎+94 (77) 2710168

✉asfathimasahla@gmail.com

🌐linkedin.com/in/fathima-sahla

🗣medium.com/@asfathimasahla

🌐portfolio

## About me

I am an enthusiastic and fast-learning individual with a strong interest in the IT field, aspiring to become a **Software Engineer**. I am eager to gain hands-on experience in a professional environment where I can learn from experienced professionals and contribute my passion for technology. I am driven by the challenge of solving complex problems and am excited to bring my creativity and technical curiosity to a dynamic team, helping to create innovative solutions.

## Technical Skills

### • **Programming Languages:**

Java, C, Python

### • **Web Development:**

React, HTML, CSS, Django, JavaScript, Node js

### • **Database:**

MySQL, SQLite, MsSQL, MySQL Workbench, DBBrowser

### • **IDE:**

VS Code, IntelliJ Idea

### • **Version Control:**

Git, Github

### • **Other:**

Gimp, Blender, Sketchup, Canva

## Minor Safety Helmet-L1 Project (Group)-2023

Device to detect and save Miners from harmful gases and high temperature

Contribution:

- CO sensor (MQ-7) and Temperature Humidity sensor (DHT22)

Technologies: Arduino, C, atmel studio, kicad

## Volunteering

### Blogger | Medium

Present

### Design team member

2022 - Present

Majlis-ul-islam-University of Moratuwa

### Batch Rep

2022 - Present

Majlis-ul-islam-University of Moratuwa

### Prefect

2016 - 2018

Mahmud Ladies College Kalmunai

## Extra - Curriculars

### Mathematics Olympiad

2013

Mahmud Ladies College Kalmunai

### School Scout Member

2010 - 2014

Mahmud Ladies College Kalmunai

## Non Related Referees

### Dr. Supunmali Ahangama

Senior Lecturer,

Faculty of Information Technology, University of Moratuwa

supunmali@uom.lk

+94 (71) 486 6652

### Dr. MFM Firdhous

Senior Lecturer,

Department of Information Technology, University of Moratuwa,

firdhous@uom.lk

+94-11-2650622

## Soft Skills

- Time Management
- Team Collaboration
- Critical thinking
- Problem solving
- Communication
- Adaptability

## Certificates & Badges

### Open Learning - UoM

- Web designer for beginners
- Front-End web development
- Python for beginners

### Cisco

- Introduction to Cybersecurity
- Introduction to Data Science

### Mind Luster

- MERN Stack

### Hackerrank

- Css(Basic)
- Java(Basic)
- Python(Basic)
- Problem Solving(Basic)
- JavaScript(Basic)

### Badges



## Languages

English

Tamil

Sinhala

Arabic

French

