

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

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✉ asfathimasahla@gmail.com

📱 fathima-sahla-159255288

🌐 medium.com/@asfathimasahla

🌐 portfolio

About me

Enthusiastic and fast learner with a strong interest in IT, aspiring to become a **Software Engineer**. Seeking hands-on experience in a professional environment to learn from experienced professionals. Skilled in solving complex problems and driven to contribute creativity and technical skills to a dynamic team focused on delivering innovative solutions. Proficient in programming languages such as C, Java, and Python, with web development experience in frameworks like React, Django, and Node.js. Committed to continuous learning, growth, and making meaningful contributions in collaborative environments.

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

Competitions

HackMoral 6.0

2024

Merit Rank (9th Place)

Non Related Referees

Dr. Supunmali Ahangama

Senior Lecturer,

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Dr. MFM Firdhous

Senior Lecturer,

Department of Information Technology, University of

Moratuwa,

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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

