



# FATHIMA MAFASA

## IT Trainee | Front-End & Systems Fundamentals

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## About Me

Motivated BSc (Hons) IT undergraduate with hands-on experience in web development, front-end technologies, and fundamental DevOps practices. Strong knowledge of HTML5, CSS3, JavaScript, Linux-based environments, and SQL database fundamentals, with a solid understanding of responsive design, UI/UX principles, and cross-browser compatibility. Familiar with version control (Git), basic cloud concepts, and system administration fundamentals. Actively seeking a trainee / junior IT role to gain real-world industry exposure, learn enterprise-level systems, and contribute effectively within a professional, team-oriented IT environment.

## Technical Skills

### Programming & Web Technologies:

HTML5, CSS3, JavaScript, React.js

### Databases:

SQL

### Systems & DevOps:

Linux, Git, GitHub, Basic Cloud Concepts, Docker

### Data & ML :

Pandas, NumPy, Scikit-learn, EDA

### Tools:

VS Code, Postman, Jupyter Notebook

### Design & Multimedia:

Canva, CapCut, Figma, Photoshop

## Education

### BSc. (Hons) in Information Technology

Horizon campus, Malabe | 2022 - 2026

### G.C.E Advanced Level - Arts

Bd/ Sir Razik Fareed National School | 2018 - 2020

## Volunteering

### Director of Public Relations

Rotaract Club of Horizon Campus | 2025 – Present

- Managed PR, branding, and social media content
- Coordinated events, campaigns, and team communication

### Editor

Chess Club | 2024 – 2025

- Created and edited club communications and content
- Conducted beginner chess workshops at Bandarawela School to develop students' critical thinking, focus, and decision-making skills.

### Member

Chess Club | 2023– 2024

- Conducted beginner chess workshops at Anuradhapura School to develop students' strategic thinking, problem-solving, and analytical skills.

## Projects

### Vita-Feast Website

Built a food and recipe web application using HTML, CSS, and JavaScript. Implemented responsive layouts, intuitive navigation, and user-friendly interface design.

### Portfolio Website

Developed a personal portfolio website using HTML, CSS, and JavaScript to showcase projects and skills. Focused on responsive design, UI/UX, and clean frontend architecture.

### FastAPI ML Deployment

Built and deployed a machine learning model using FastAPI, enabling real-time predictions through a REST API. Focused on model integration, backend development, and deployment.

### Streamlit ML App

Developed an interactive Streamlit web app for EDA, visualization, and model prediction. Showcased data analysis, UI design, and ML workflow.

### Hotel Booking Data Cleaning

Performed data cleaning, preprocessing, and feature treatment on the Hotel Booking Demand dataset using Pandas and NumPy. Improved data quality and analysis readiness.

## Certifications

**AWS Training & Certification** - AWS (AWS Cloud Practitioner Essentials)

**Data Visualization** - Kaggle (Skills: Matplotlib, Seaborn, Plotly)

**AI Python for Beginners** - DeepLearning.AI (Skills: Python, AI fundamentals)

**Intro to Machine Learning** - Kaggle (Skills: Scikit-learn, model building)

**Data Cleaning & Pandas for Data Analysis** - Kaggle (Skills: data preprocessing, Pandas)

## Spoken Languages

- English
- Sinhala
- Tamil

## References

### Naduni Jayathilake

Lecturer at Horizon Campus

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### Thilina Samarasinghe

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