



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

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