FATHIMA SITHARA

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OBJECTIVE

Adaptable coder with a strong foundation in computer science. Highly committed,ready to finish task within limited time.Diligent observer,always learning to stay updated with latest trends.Outgoing,able to work independently in a bustling environment and also within a team setting.Strong communicator, adept at explaining technical concepts, and collaborating with diverse teams.

EDUCATION

Bachelor of Technology, Eranad Knowledge City Technical Campus, Manjeri — 2020 - 2024
Computer Science and Engineering (CGPA 8.24)

Higher Secondary , MAOHSS Campus — 2018 - 2020
Science (93.25%)

10th, CBSE ,Apex Public School,mukkom. — 2017 - 2018
Marks 88%

SKILLS

Technical Skills	C — Python — HTML — CSS — sql
Soft Skills	Communication Skills—Problem Solving — Punctual — Teamwork and Collaboration Adaptability — Self-Motivation — Time Management

CERTIFICATION AND ACHIEVEMENTS

Saylor Course — May 2022
Course completion on Computer Architecture

Internship on Flutter — May 2023
Two week internship on Flutter development

Internship on Data Science — Sept 2023
Two week internship on Machine learning and Data Science

Kerala Knowledge Economy Mission — Nov 2023
Participated in the work readiness and personality development program conducted by KKEM

PROJECTS

Train Delay Prediction Using Machine Learning. Developed a website using HTML, CSS, Python and the XGBoost machine learning algorithm to provide real-time predictions of train delays. The frontend, built with HTML and CSS, offers a user-friendly interface for inputting train details. The backend, developed with Python, processes user inputs and interfaces with the XGBoost model to generate predictions based on historical data.

An Efficient Model for DDoS Attacks. Developed a secure website using HTML, CSS, and Python, incorporating a machine learning model within proxy servers to detect DDoS attacks..The project introduces the MLPODT (Multi-Layer Perceptron with Optimized Decision Tree) algorithm to enhance the real-time detection and mitigation of DDoS attacks.