AFRA FATHIMA M

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EDUCATION

Sri Eshwar College of Engineering	**B.TECH(AI&DS)**	**CGPA(8.3)**	**2023-2027**
S.T. John's Matric Hr. Sec School	**HSC**	**91.6%**	**2021-2022**
S.T. John's Matric Hr. Sec School	**SSLC**	**99.4%**	**2019-2020**

INTERNSHIPS

WEB DEVELOPMENT intern in Octanet Services Pvt Ltd.   **December 2023**
Applying the knowledge of Web development to design websites to enhance user-friendly interface
C PROGRAMMING intern in Cognifyz Pvt Ltd.   **January 2024**
Developed proficiency in C programming through hands-on projects and tasks.

PROJECTS

YIELDIFY [Smart Agriculture System] - **My Role :** Frontend , Research   **May 2024**
- Built an integrated smart agriculture system, utilizing CNN and DenseNet121 for pest detection with a 96% accuracy rate.
- Models: DenseNet121, EfficientNet, ResNet
- Applications: Plant disease detection, pest detection, land leveling, soil type prediction, crop recommendation.

TRACKIFY [EXPENSE TRACKER]   **July 2024**
- Designed an expense tracker that enables users to view expenses by month or year, edit existing entries, and track total spending.
- It supports uploading monthly expenses via CSV files and exporting all data to CSV for further analysis. The app offers a user-friendly interface for easy expense management and reporting.

Technologies Used: Python, SQLite, Tkinter

CERTIFICATIONS

Problem Solving using Programming in C	**NPTEL**	**2024**
Computer Architecture	**NPTEL**	**2024**
Introduction to AI Essentials| **Coursera**	**2024**
Mastering Data Structure and Algorithms Using C and C++	**Udemy**	**2024**
The Complete Introduction to C++ Programming	**Udemy**	**2024**
2024 Complete Bootcamp on Python	**Udemy**	**2024**
Figma Design Course	**Udemy**	**2024**
Introduction to C	Introduction to C++	Introduction to Javascript	**Sololearn**	**2024**
Python Fundamentals	**Great Learning**	**2023**

ACHIEVEMENTS

Leetcode   **:** Ranking 391,574|Global Contest rating 1439 | Solved more than 120 problems
Hacker rank **:** 5 Star Coder in C Language | 3 Star Coder in C++ Language | 3 Star Coder in Python | 2 star Coder in Data Structures
Code Chef   **:** Bronze Badge in Problem Solving
Skill Rack   **:** Solved more than 600 problems
Workshop   **:** Attended workshop on Drone Technology conducted at SNS college of Engineering | Attended Machine learning workshop Conducted at CIT

SKILLS

Languages: C, C++, Python ,HTML, CSS, Java Script(basic),Java,SQL.
Technologies/Frameworks: Numpy, OpenCv, Pandas, Power Bi, Tableau ,Matplotlib, Supervised ML,Deep Learning.
Tools: GitHub, GIT, VS Code, Anaconda, Figma, Canva.
Core Concepts: Data Structures, Algorithms, Problem Solving, linear algebra, probability, statistics.
Skills: Leadership, Designing, Communication, Team Collaboration.