SHABANA A

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SUMMARY

B. Tech IT graduate with a minor in Electronics and Communication, currently upskilling in Data Science, Machine Learning, AI, and Power BI. Demonstrated leadership and coordination skills through roles as Placement Representative, Department Secretary, and Class Representative. Strong communicator with a keen interest in combining technical learning with team-oriented responsibilities in tech-driven environments.

EDUCATION

Bachelor of Technology in Information Technology
MEA Engineering College | Nov 2021 – May 2025
CGPA: 7.72

Higher Secondary
RMHSS Melattur | 2019 – 2021
Percentage: 94.58%

Secondary School
Darul Hikam Residential School | 2018 - 2019
Percentage: 91.6%

SKILLS

Technical Skills
Python, C++, HTML, CSS, SQL, Pandas, Numpy, Streamlit, GitHub, Microsoft Office Suite, Canva
Soft Skills
Time Management, Communication, Team Collaboration, Adaptability, Problem-Solving

PROJECTS

Smart Crop Recommendation System
Built a machine-learning web app using a Random Forest model trained on soil and weather data, achieving 99.32% test accuracy for predicting the top 3 suitable crops.
Created a simple Streamlit interface that processes input features and displays real-time crop recommendations.

Bootstrap Portfolio
Developed a responsive personal portfolio using Bootstrap, HTML, CSS, and JavaScript, featuring sections for projects, skills, certificates, and resume integration.
Implemented certificate upload with dynamic thumbnail previews and modal viewing, optimized for easy local setup and GitHub Pages deployment.

EXPERIENCE

Intern – ICFOSS | September 2024 – August 2025

Assisted in monitoring and maintaining IoT-based rainwater detection devices deployed at the assigned location.
Conducted hardware inspections and component replacements under mentor supervision.

Freelance Canva Educator | May 2024 – June 2024
Created and delivered a self-paced online Canva course with bite-sized instructional videos for beginner levels.
Shared design templates and tips to enhance learner engagement and skill development.

CERTIFICATIONS

Data Science, Machine Learning, Artificial Intelligence & Power BI
Luminar Technolab, Cochin | Aug 2025 – Present

- Currently enrolled in a 7-month training program with hands-on practice and live projects.

- Key Topics: Python, Data Science pipelines, Machine Learning algorithms, AI concepts, Power BI dashboards.

Principles of Communication Systems – I
NPTEL (IIT Kanpur) | Jan 2025 – Apr 2025

Digital Circuits
NPTEL (IIT Kharagpur) | Jul 2024 – Oct 2024

Python Practice Codes
Great Learning | Nov 2022

Operational Excellence and Critical Thinking
Great Learning | Nov 2022

LEADERSHIP AND REPRESENTATION

Secretary, IT Department Association | Sep 2024 – Apr 2025
Organised technical events, workshops, and activities to boost student engagement and promote collaboration between faculty and students.

Student Placement Representative | Jul 2024 – Apr 2025
Managed communication between students and placement office, ensuring timely updates on job openings, placement drives, and deadlines.

Class Representative | 2021 – 2025
Acted as liaison between faculty and students for four academic years, facilitating communication and supporting academic and administrative coordination.

LANGUAGES

English, Hindi, Malayalam, Tamil