

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%

PROJECTS

Smart Crop Recommendation System

Built a Smart Crop Recommendation System using a Random Forest model with soil and weather data, achieving 99.32% test accuracy.

Developed and deployed a Streamlit app using LabelEncoder for categorical data and hosted it on Streamlit Cloud for user access.

Deep Learning Technique for Brain Tumor Detection with Prediction and Segmentation

Built a mobile and web app for MRI-based brain tumor detection with segmentation and prediction.

Integrated modules for users, doctors, and hospitals, including appointment booking and e-prescription features.

EXPERIENCE

Intern – International Centre for Free and Open Source Software | 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 learners.

Shared design templates and tips to enhance learner engagement and skill development.

SKILLS

Technical Skills

Python, C, HTML, CSS, Microsoft Office Suite

Soft Skills

Time Management, Communication, Team Collaboration, Adaptability

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