

SABITHA M

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CAREER OBJECTIVE

Motivated B.Tech Artificial Intelligence and Data Science student with strong skills in **AI, Machine Learning, and Full Stack Development**. Experienced through internships and academic projects in developing AI-powered solutions for surveillance, healthcare, and automation. Seeking to apply technical expertise and problem-solving abilities to create impactful and innovative real-world applications.

EDUCATION

Panimalar Engineering College B.Tech in Artificial Intelligence and Data Science – 8.72 CGPA	2022 – 2026
Everwin Matriculation Higher Secondary School Class XII – 88.17%	2021 – 2022
Don Bosco Matriculation Higher Secondary School Class X – 92.2%	2019 – 2020

TECHNICAL SKILLS

- **Programming Languages:** C++, Java
- **Web Development:** HTML, CSS, JavaScript, Flask, Streamlit
- **Data Science Tools:** Pandas, NumPy, Matplotlib, Scikit-learn
- **Database:** MySQL
- **Other Skills:** Agile, Problem Solving, Git, API Integration

SOFT SKILLS

- Communication and Collaboration
- Problem-Solving and Analytical Thinking
- Adaptability and Time Management
- Leadership and Team Coordination

INTERNSHIPS

Full Stack Python Development Intern – Retech Solutions Pvt Ltd

- Built and deployed responsive web applications using Python, Flask, and HTML/CSS.
- Implemented CRUD operations, authentication systems, and API integration.

Data Science Intern – Externs Club (Online)

- Conducted data preprocessing, visualization, and predictive modeling using Scikit-learn.

Web Development Intern – Codsoft (Online)

- Developed interactive websites using HTML, CSS, and JavaScript with performance optimization.

PROJECTS

CleverCam – AI Analytics for Surveillance Networks

AI surveillance system integrating YOLO, Faster RCNN, and SSD for real-time detection.

PrizBot – Healthcare Companion Chatbot

Chatbot providing medical information and reminders using NLP.

Notes Generator Lectura

AI tool that creates summarized notes from lectures or PDFs using NLP.

PUBLICATIONS

- **Sign Voice Harmony:** Unifying Gestures and Voice Using Raspberry Pi – Published on Google Scholar.
- **Smart Attendance System using Gaze Detection:** AI-based facial and gaze recognition system (**Published in SCOPUS**).

CERTIFICATIONS

- **Oracle Data Platform 2025 Certified Foundations Associate** (2024)
- **Oracle Cloud Infrastructure Generative AI Certified Foundations Associate** (2024)
- **IBM Generative AI Badge**
- **ServiceNow Micro-Certification**
- **NASSCOM** – Cybersecurity Analysis and Design (Gold) and Data Science (Gold)
- **Infosys Springboard** – Programming Fundamentals Using Python (Part 1) and Introduction to Data Science