

ASMITHA BANU

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DOB: 18-04-2005 | Chennai

OBJECTIVE

Aspiring Electronics and Communication Engineer with strong technical skills in programming and developing innovative solutions. Seeking an opportunity to contribute to impactful projects, enhance operational efficiency, and advance my technical and professional growth.

EDUCATION

Panimalar Engineering College, Chennai <i>Bachelor of Engineering in Electronics and Communication</i>	Oct 2022 – May 2026 CGPA: 8.9
Dawn Matriculation Higher Secondary School, Chennai <i>Higher Secondary Examination</i>	Jun 2021 – May 2022 Percentage: 84.16%

TECHNICAL SKILLS

Programming Languages: Java, Python (Basics)
Database: SQL
Web Technologies: HTML, CSS, JavaScript (Basics)

INTERNSHIP

Eisystem Of Technologies AICTE • Built an Attendance Tracker using Python, gaining hands-on experience in automation, data handling, and user-friendly application development.	May 2024 – Jun 2024
Infomatronics Project Services Intern & Project Associate • Worked on web and IoT projects, conducted trainings, managed documentation, and contributed to technical solutions and company operations.	Mar 2024–Apr 2025

PROJECTS

Motion Light Sensor • Designed an automatic light system using IR sensors and Arduino to switch lights on/off based on motion.	Aug 2023
Soft Smile Dental Care Website • Contributed to front-end UI/UX development for a dental startup website using HTML, CSS, and JavaScript.	Aug 2024
Hotel Website – Freelancing Project • Developed food category pages for a hotel website, enhancing functionality using HTML, CSS, and JavaScript.	Aug 2024
Automatic Plant Watering System • Built a moisture-sensing system with Arduino that waters plants automatically and stops at optimal levels.	Sept 2024
Traffic Sign Recognition Using MATLAB • Developed a real-time traffic sign detection system using MATLAB image processing and machine learning.	Oct 2024

CERTIFICATES

- **Great Learning:** Certificate in HTML
- **Great Learning:** Certificate in CSS
- **Simplilearn:** Certificate in Basics of Java
- **Simplilearn:** Certificate in OOPS
- **Cognitive Class (by IBM):** Certificate in SQL and Relational Databases 101

RESEARCH & PAPER PRESENTATIONS

- **Wireless Charging Roads for EVs**
Presented at the 8th International Conference on Intelligent Computing (IConIC 2025), Panimalar Engineering College, Chennai – March 21–22, 2025.
- **Track N Seat: Smart Bus Seat Vacancy Detection and Arrival Alerts**
Presented at the 8th International Conference on Intelligent Computing (IConIC 2025), Panimalar Engineering College, Chennai – March 21–22, 2025.

SOFTSKILLS

Communication, Leadership, Problem-Solving, Adaptability, Teamwork.

LANGUAGES KNOWN

Tamil, English, Hindi.