

ASMITHA BANU

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<https://www.hackerrank.com/profile/asmithabanu1805> | Portfolio : <https://asmi1804.github.io/Portfolio/>

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 Oct 2022 – May 2026

Bachelor of Engineering in Electronics and Communication CGPA:8.9

Dawn Matriculation Higher Secondary School, Chennai Jun 2021 – May 2022

Higher Secondary Examination Percentage: 84.16%

TECHNICAL SKILLS

Programming Languages: Java, Python (Basics)

Database: SQL

Web Technologies: HTML, CSS, JavaScript (Basics)

INTERNSHIP

Eisystem Of Technologies | AICTE May 2024 – Jun 2024

- Built an Attendance Tracker using Python, gaining hands-on experience in automation, data handling, and user-friendly application development.

Infomatrionics Project Services | Intern & Project Associate Mar 2024–Apr 2025

- Worked on web and IoT projects, conducted trainings, managed documentation, and contributed to technical solutions and company operations.

PROJECTS

Motion Light Sensor Aug 2023

- Designed an automatic light system using IR sensors and Arduino to switch lights on/off based on motion.

Soft Smile Dental Care Website Aug 2024

- Contributed to front-end UI/UX development for a dental startup website using HTML, CSS, and JavaScript.

Hotel Website – Freelancing Project Aug 2024

- Developed food category pages for a hotel website, enhancing functionality using HTML, CSS, and JavaScript.

Automatic Plant Watering System Sept 2024

- Built a moisture-sensing system with Arduino that waters plants automatically and stops at optimal levels.

Traffic Sign Recognition Using MATLAB Oct 2024

- Developed a real-time traffic sign detection system using MATLAB image processing and machine learning.

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.