



HARINI M



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EDUCATION

BACHELOR OF ENGINEERING

Bannari Amman Institute of
Technology | 2022 – 2026|

BIOMEDICAL ENGINEERING|

CGPA – 7.49 (till 6th semester)

HSC

SRV Matric higher secondary
School | Trichy

HSC – 92%

SSLC

Sairam Matric higher secondary
school | Thiruthuraipoondi |
SSLC – 90%

TECHNICAL SKILLS

- C Programming
- HTML & CSS
- JavaScript
- UI/UX

AREA OF INTREST

- Anatomy and Physiology
- Biomedical instrumentation
- Problem Solving

TOOLS AND TECHNOLOGIES

- Arduino IDE
- Figma

PERSONAL SKILLS

- Collaboration
- Team Management
- Diligence

LANGUAGE

- English – R,W,S
- Tamil – R,W,S

PROFILE

Motivated professional dedicated to company growth and continuous skill enhancement. Skilled in programming, adaptable to new technologies, and eager to take on any software-related engineering role to deliver innovative solutions.

PROJECT WORKS

AUTOMATIC MEDICINE REMAINDER SYSTEM

- This system tracks medication schedules, sends real-time reminders via notifications or alarms.
- Tracks medication schedules based on user input.
- Monitors Patient to intake medicine, helping users adhere to their prescribed treatment plans.

DIGITAL GONIOMETER

- Measures joint angles accurately using digital sensors, often in rehabilitation or clinical settings.
- Provides real-time data on joint movement, using STM32.
- Offers a portable, user-friendly solution for healthcare professionals to monitor patient progress.

COLLISION AVOIDANCE SYSTEM

- A Collision Avoidance System detects obstacles in a vehicle's or device's path.
- It continuously monitors the surroundings and identified potential threats, calculating the risk of collision.
- Enhances safety by reducing human error, minimizing collisions.

PASSWORD GENERATOR

- Created a password Generator using HTML,CSS and JavaScript with customizable length and character sets.
- Implemented copy-to-clipboard and password strength features for better usability.

HOBBIES

- Art and craft works
- Drawing
- Listening Music

CERTIFICATION

- MATLAB by MathWorks
- Python Program by Coursera

INTERNSHIP

- Web Development – Google (Completed on March 7, 2025)
- Web Development Internship – Rinex Technologies (Mar 7, 2025 to May 2, 2025)
- Hospital Training–Abhi Sk Hospital (Sep 15,2025 to Sep 25,2025)

PERSONAL INFORMATION

- Father: Maran S
- Mother: Chitra Devi M
- Address: Thiruthuraipoondi, TamilNadu.
- Nationality: Indian

INSTAGRAM CLONE(FRONTEND)

- Implemented feature like login page,profile UI,post feed,likes & comments UI.
- Build an Instagram Clone using HTML, CSS and JavaScript with responsive design

CO-CURRICULAR ACTIVITIES

PRAYATNA'23

Participated in the Samyuj–Bridge Building by using the knowledge of physics conducted by Prayatna'23Event, an National Technical symposium organized by PSG college of Technology held on 18th February 2023.

GALAXY'24

Participated in the Paper war in the title of “DIGITAL GONIOMETER” Event,an National level symposium organized by Government college of Engineering, Erode held on 24.10.2024.

MCCT'23

Presented a paper in the title of “MODERNIZED COMPUTING AND COMMUNICATION” Event,an International level symposium organized by Saveetha Institute of Medical and Technical Sciences,Chennai held on 11.10.2023.

DBT'23

Participated in the National Conference on the title of "CLINICAL TRANSLATION OF NANO MEDICINES FOR BREAST CANCER THERAPY " Intelligent Decision System Precision Medicine in Nuclear Medicine and Autoimmune and Inflammatory– Mediated Disorders" held on 09.02.2023.

PETRICHOR'23

Participated in the Ardinnovate by Petrichor'23 Event, an International Technical Symposium organized by IIT PALAKKAD held on 04.02.2023 and 05.02.2023.

DECLARATION

I'm HARINI M, hereby declare that the above particulars are true to the best of my knowledge and belief.

DATE: 23.10.2025

PLACE: SATHYAMANGALAM