

# HARINI M

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## PROFESSIONAL SUMMARY

Motivated Final year Biomedical Engineering student with a strong interest in Frontend Development and a passion for solving healthcare problems through technology. Recently completed a Web Development Internship at Rinex Technologies, where I built responsive user interfaces and seeking opportunities to apply technical and biomedical knowledge in real-world healthcare and technology-driven environment.

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## EDUCATION

### Bachelor of Engineering (Biomedical Engineering)

Oct 2022- May 2026

Bannari Amman Institute of Technology

CGPA: 7.49 (Till 6th Semester)

### Higher Secondary Certificate (HSC)

Jun 2020 - Apr 2021

SRV Matric Higher Secondary School, Trichy

Score: 90%

### Secondary School Leaving Certificate (SSLC)

Jun 2018 - Apr 2019

Sairam Matric Higher Secondary School, Thiruthuraipoondi

Score: 90%

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## TECHNICAL SKILLS

- **Programming Languages:** C, HTML & CSS, Javascript.
  - **Frameworks & Libraries:** React.js.
  - **Tools & Technologies:** Arduino IDE, Figma, Git, GitHub.
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## PROJECTS & INTERNSHIP

### Web Development Internship – Rinex Technologies

- Built full-stack web applications using the MERN stack.
- Designed responsive front-end interfaces and integrated backend systems.
- Used Git and GitHub for version control and collaboration.

### Hospital Training-Abhi Sk Hospital

- Completed 10-day Hospital training covering multiple department.
- Gained exposure to patient care, diagnostics and clinical workflow.
- Developed understanding of hospital protocols and use of biomedical equipment.

### Automatic Medicine Reminder System

- Developed a system that tracks medication schedules and sends real-time alerts.
- Enables adherence to treatment plans through patient monitoring.

### Digital Goniometer using STM32

- Designed a device for measuring joint angles using digital sensors.
- Provided accurate real-time joint movement data for rehabilitation and clinical use.

### Collision Avoidance System

- Built a system to detect obstacles and minimize collision risk in vehicles or devices.
- Enhanced safety features by reducing human error.

## 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.

## Instagram clone (Frontend)

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

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## CERTIFICATIONS

- **MATLAB** – MathWorks
- **Python Programming** – Coursera
- **Web Development** – Google
- **Web Development Internship** – Rinex Technologies
- **Hospital Training** -- Abhi Sk Hospital

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## CO-CURRICULAR ACTIVITIES

### ARDINNOVATE by PETRICHOR'23

Feb 2023

- Participated in International Technical Symposium at IIT Palakkad

### PRAYATNA'23

Feb 2023

- Physics-based bridge-building at PSG College of Technology

### DBT'23

Feb 2023

- Participated in National Conference on "CLINICAL TRANSLATION OF NANO MEDICINES FOR BREAST CANCER THERAPY "

### MCCT'23

Oct 2023

- Presented "MODERNIZED COMPUTING AND COMMUNICATION" at Saveetha Institute, Chennai

### GALAXY'24

Oct 2023

- Paper titled "DIGITAL GONIOMETER" at Government College of Engineering, Erode

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## PERSONAL SKILLS

- Collaboration
- Team Management
- Diligence

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## LANGUAGES

- English
- Tamil

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## PERSONAL DETAILS

- **Hobbies** : Art and Craft, Drawing, Listening to Music
- **Area of Interest** : Anatomy & Physiology, Biomedical Instrumentation, Problem Solving
- **Date of Birth**: 28-07-2003
- **Gender**: Female
- **Nationality**: India