# DIVYA R

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## CAREER OBJECTIVE

Motivated biomedical engineer aiming to integrate engineering with healthcare, develop advanced medical technologies, and contribute to research-driven solutions that enhance diagnostics, treatment, and overall patient care outcomes.

## EDUCATION QUALIFICATION

| Degree/course | Name of the Institution | Year of Passing | CGPA/Percentage |
|---|---|---|---|
| B.E Biomedical Engineering | Karpagam Academy of Higher Education | 2022-2026 | 8.60*(pursuing) |
| HSC | Pannai Matriculation Higher Secondary School | 2022 | 88 |
| SSLC | Pannai Matriculation Higher Secondary School | 2020 | 97 |

## PROJECTS

- Title: Software for Speech Language therapy
  Abstract: Speech therapy software uses AI to diagnosis, treat disorders, provide personalized plans, real-time feedback, progress tracking and improving accessibility.
- Title: Medication Announcement system
  Abstract: A medication announcement system alerts patients about dosages and schedules using remainders, notification, and real -time tracking to improve adherence.
- Title: AI tool based preliminary diagnosis for skin diseases detection
  Abstract: An AI-based tool analyzes skin images to assist in the early detection of various skin diseases. It provides preliminary diagnostic insights to support faster, more accurate clinical decisions.

## INTERNSHIP

● Undergone an Internship at "BIOXPLORA" for a period of 15 days (May,2024)  Learning objective: To learn about medical coding and human anatomy and physiological systems. ● Undergone an Internship at "VISRUTHA HOSPITAL" for a period of 15 days (June-July,2024) Learning objective: Gained hands-on experience on biomedical instruments.

## TECHNICAL SKILLS

- Programming Languages: C (intermediate), C++ (basics)
- Biomedical devices
- Biomaterial knowledge
- Medical data analytics

## AREA OF INTEREST

- Medical coding
- Biomedical Instrumentation
- System physiology and rehabilitation engineering

## CERTIFICATIONS

- 10 days Industrial training in **SUNSHIV ELECTRONIC SOLUTIONS**, in Microcontroller. ● 5 days National student program on **ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING** by EXCELR.
- Completed online courses on C programming language, Programming using C++, Introduction  to Artificial intelligence in **INFOSYS SPRINGBOARD** platform.

## ACHIEVEMENTS

- Certified in Fundamentals in **ARTIFICIAL INTELLIGENCE** by NPTEL during 2024. ● National level conference on **INTELLIGENT BIOSYSTEMS FOR HEALTHCARE ANALYTICS** in Karpagam Academy of Higher Education.

## STRENGTH

- Rapid learner and adapter
- Adaptive innovator
- Empathetic Leader

## LANGUAGES

- Tamil
- English
- Japanese

## DECLARATION

I have declared that all the information provided above is accurate to the best of my knowledge.

Date:
Place:                                                                    [ DIVYA R]