



PRIYANGA.K

To gain a strong foundation in biomedical engineering principles and technologies, and actively engage in research and internships to gain practical experience in the field of Biomedical engineering. With dedication and continuous learning, I aspire to make a meaningful impact on healthcare outcomes and contribute to the advancement of medical technology

GET IN TOUCH!

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PERSONAL DETAILS

- Current Location Coimbatore
- Date of Birth May 29, 2004
- Gender Female

AREA OF INTEREST

- SERVICE NOW - DEVELOPMENT
- Biomedical Engineering - Equipment Management
- Human Anatomy & Physiological Sciences, Life Sciences.
- Biomaterials Design

LANGUAGES KNOWN

- ENGLISH (Both)
- Tamil (Both)
- Telugu (Spoken)

CERTIFICATIONS

- ServiceNow-CAD CERTIFICATION
- ServiceNow-CSA CERTIFICATION
- UDEMY - BIOMATERIALS AND BIOPRINTING
- Data Analytics And Visualization Job

EVENTS ATTENDED

- Attended an international technical hackathon at VISAI Veltech, Chennai.
- 6th international conference on engineering and advancement in technology-MALLA REDDY UNIVERSITY

DECLARATION

I PRIYANGA K, hereby declared that above given details are true to my knowledge.

EDUCATION

Graduation

Course	B.E. Biomedical Engineering
College	Bannari Amman Institute of Technology, Sathyamangalam,

CGPA	7.88
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Class XII

Board Name	Tamil Nadu
Medium	English
Year of Passing	2022
Percentage	80%

Class X

Board Name	Tamil Nadu
Medium	English
Year of Passing	2020
Percentage	90%

INTERNSHIPS

Techvolt Software, August 2024 - September 2024

- The internship provided was mainly to learn about MACHINE LEARNING and its day to day application in various places. We were to self pace ourselves on how ML is used to collect data in the field of healthcare. The field of **HEALTHCARE ANALYTICS** was fully researched and trained.

PROJECTS

Saline monitoring system for hospitals, May 2024 - December 2024

- The smart saline monitor revolutionizes IV fluid administration in hospitals, ensuring precise control of flow rates and real-time monitoring of fluid levels. This advanced system enhances patient safety and efficiency in healthcare settings.

Herbal Metamix Infused Hydrogel Declaration, September 2023 - June 2024

- Developed a herbal infused hydrogel which is a great effective remedy for diabetic ulcers and first degree burns. It is a mixture of only herbals and no other toxic items and thus serves as an organic remedy for such accidents.

Pulse Oximeter using max30100, January 2023- May 2023

- The heart rate monitor project utilizes a pulse sensor, Arduino Nano, OLED display, and buzzer to create a compact and affordable device for real-time heart rate monitoring. The aim is to provide users with immediate feedback on their cardiovascular health and enable proactive management.

NEXT GEN VOICE ENABLED PILL VENDING WITH REAL TIME ALERTS, June 2024-January 2025

- The system has been designed to address medication adherence issues, especially for elderly patients or those with disabilities. The voice-activated functions of the device control dispensing.

AUTO ARENA TURF SYSTEM WITH REAL TIME ALERTS, FEBRUARY 2025

- The Automatic Turf Arena System is an innovative integration of IoT and smart management technologies aimed at optimizing the efficiency of operations in sports turf facilities.