VISHWAS S

BIOMEDICAL ENGINEER

PROJECTS

S.A.S.S (SENSOR ASSISTE SUPERVISION SYSTEM)

-Reduce Death of the elderly and people with Alzheimer's disease due to lack of assistance
-My responsibilities : Design, build a working circuit

DIGITAL MICROSCOPE

-Make transfer of microscopic data easier, faster and cost efficient.
-Eliminate the need for storage units by utilizing the "cloud" privileges.
-My responsibilities : Ideate and Design 3d models

THE BRAIN WAVE APP

-Build an App that records and sums up the duration at which the brain was observed to be in a relaxed state

GESTURE CONTROLLED ROBOTIC ARM

-Minimize hardazous workspace interaction of medical staff with the use of robots
-My responsibilities : Build the model and design the cuitry

PROFILE

I am a highly motivated **biomedical engineer** with a passion for developing innovative medical devices to improve patient outcomes. With experience in both **hardware and software design**, I have a strong foundation in **the application of engineering principles to real-world medical challenges**. I am driven by a desire to use my skills and knowledge to make a meaningful impact in the healthcare industry.

EDUCATION

Manipal Institute of Technology
| July 2020 - july 2024

-Biomedical Engineering
-Minor in Data science

Sri Chaitanya College of Education
| June 2018 - july 2020

-Physics, Mathematics, Chemistry, Biology

SKILLS

Python
-App development / Machine programming
Matlab
-Brain and machine interaction
Basics of C++
-Microchip programming

EXTRACURRICULAR

IEEE EMBS Manipal Chapter
- Events and Program Head (Aug 2022)
- Committee Member(June 2022 - Aug 2022

BMESI Manipal Chapter
- Committee Member

Red x Manipal
- Member

WEB PAGE

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