



Atchaya.A

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Objective

To apply my biomedical engineering knowledge and technical skills in a hospital setting, ensuring the efficient operation, maintenance, and innovation of medical equipment to enhance patient care.

Education

- **GKM CET, Anna University affiliated** 2024
B.E Biomedical Engineering
7.83
- **Gover.hi.sec.school** 2020
HSC
61.67%
- **Gover.hi.sec.school** 2018
SSLC
82%

Skills

- Biomedical engineering
- Medical coding
- Team building
- Problem solving Decision making

Technical Skills

- Hospital training in Dheepam hospital from Chennai
- Medical coding - I'm completed two month medical coding course in chennai
- Mini project - E-patient record management system
- Naan Mudhalvan - blockchain technology
- Work shop - Radiation and some biomedical instruments in Atheenapandiyan
- Main project - IoT based ICU patient monitoring system using Node MCU

Interests

- Biomedical engineer
- Health care equipment handling
- Medical coding
- Biomedical instrument
- Participate in social activities

Languages

- English Tamil

Activities

- Farming activities Volunteer in NSS

INTERNSHIP

- Atheenapandian pvt Ltd (Chennai)
05/05/2022-06/05/2022
This internship about on basic medical equipment
- Deepam academy of medical service(Chennai)
10/07/2023-10/08/2023
Learn about the department and medical equipment

Projects

- **E-patient record management system**
e-patient record management system is to provide a digital platform for efficient and secure management of patient records within a healthcare organization. This system aims to replace traditional paper-based record-keeping methods and streamline the entire process of storing, retrieving, and updating patient information.
- **IBM Naan Mudhalvan(crime vision)**
IBM's "Crime Vision" initiatives and related technologies leverage advanced AI and machine learning to aid law enforcement in crime prediction, analysis, and prevention. IBM's Crime Information Warehouse (CIW) integrates data from incidents, arrests, and calls for service, enabling real-time crime analysis and helping police departments.
- **IoT based ICU patient monitoring system**
ICU is where the patients who are critical ill are admitted for treatment such a critical conditions the doctors need to have an all time update patient health parameters.This type of situation IoT based system can bring about an automation that can keep the doctors update all time over internet

Training

- Deepam academy of medical services from Chennai (10/07/2023 - 10/08/2023) - Learn about the department and medical equipment

Events

- Nxplors pro workshop
Hyper link

DECLARATION

- I solemnly declare that all the above information is correct to be best