
ROHITH GNANA PRATHAPAN V | BIOMEDICAL ENGINEER

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PROFESSIONAL SUMMARY

Passionate Biomedical Engineering graduate with an admiration for healthcare innovation and a strong drive to make a real world impact. Eager to collaborate and contribute to meaningful medical solutions. Strong foundation in medical technology, problem-solving, and teamwork. Looking forward to learn, grow, and contribute to impactful needed solutions.

TECHNICAL SKILLS

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|-------------------------------|--------------------------------|
| ✓ Signal and Image Processing | ✓ MATLAB |
| ✓ Biomedical Instrumentation | ✓ Data Handling |
| ✓ Medical Imaging | ✓ Human Anatomy and Physiology |
| ✓ Design and Modeling | ✓ Hospital Equipment Knowledge |

INTERNSHIPS

Apollo Hospitals

Hospital Trainee | December-2023

- Hands on Training in Critical, Semi Critical and Non Critical Equipments
- Studied about The Management System in the Hospital
- Interacted with Senior Biomedical Engineers

SRM Hospital Trichy

Biomedical Trainee | August-2024

- Studied About Various Departments in The Hospital
- Interacted with Top Doctors and Technicians
- Practiced some Medical Procedures like Setting ECG machines and ICU Equipments

RELEVANT PROJECTS

Multimodal Emotion Recognition System

The combination of multimodal data provided a more comprehensive understanding of user emotions, addressing the limitations of single-modal approaches which helped in Understanding the Patient's need

Emergency Trauma Triage and Severity scoring System

The project successfully developed a trauma severity scoring system using machine learning to predict the AO classification and AIS score from X-ray images. By integrating these predictions with additional patient data, such as SBP, RR, GCS, and age, the system calculates the ISS and TRISS scores to assess the severity of injuries and guide treatment decisions.

EDUCATION

2021 - 2025 | SRM UNIVERSITY | CHENNAI

Bachelor of Technology - Biomedical Engineering

CGPA -7.7
