

# MANNA MOSES CM

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## PROFESSIONAL SUMMARY

As a Biomedical Engineer certified in Advanced Medical Coding, I'm ready to fuel your incredible growth journey. My precision, compliance expertise, and commitment to excellence will ensure every code counts towards your success. Committed to integrity, continuous learning, and delivering results under minimal supervision.

## EDUCATION

- **BE Biomedical Engineering** | SNS College of Technology *Nov 2022 to Mar 2026*
- **BE Minor in AI and Data Science** | SNS College of Technology *Jan 2024 to Mar 2026*

## SKILL SET

- **Tech Stack:** ICD-10-CM(International Classification of Diseases), CPT(Current Procedural Terminology), HCPCS(Healthcare Common Procedure Coding System), Medical terminology & Anatomy knowledge, HIPAA compliance & Data privacy standards, interpretation of clinical documentation, Regulatory adherence, and documentation
- **Soft Skills:** Problem-Solving and Analytical Thinking, Team Collaboration and Communication, Adaptability and Quick Learning, Integrity and Professional Ethics, Open to Feedback and Mentorship
- **Tech & Tools:** Windows, Google Workspaces, Basic Data Analytics or Documentation
- **Linguistic Skills:** English, Tamil, German and French

## INTERNSHIP EXPERIENCE

- **Assistant Embedded Systems Developer (Dec 2022 – Jan 2023) | Emglitz Technologies | Coimbatore**  
Assisted in developing and testing embedded systems for medical device applications.
- **Development Team Lead (Jun 2024 – Aug 2024) | Mindful AI | Coimbatore**  
Led a team in developing AI-based healthcare solutions and managing end-to-end project execution.
- **Sri Ramakrishna Multi-Speciality Hospital (Jun 2025 – Jul 2025) | Coimbatore**  
Gained practical exposure to biomedical equipment management and clinical support in a multispecialty hospital setting.

## PROJECTS

- **Gesture Monitoring System (2023)**  
Designed a system to detect and respond to contactless body gestures for athletes to control in healthcare applications.
- **Image Classification of Lung Disease Using Machine Learning Model (2024)**  
Developed a machine learning model to classify lung diseases from medical images for early diagnosis support.
- **Hospital Queue Optimization (2025)**  
This project manages hospital queues and beds by prioritizing emergency patients to reduce waiting time and improve resource utilization with 100% accuracy.

## CERTIFICATIONS

- Advanced Medical Equipments | Atheena Pandian Pvt Ltd(2024)
- Gen AI | Hexa IT Corp (2024)
- Organ Printing| NPTEL (2024)
- Advanced Medical Coding | Ideal Medical Coding Academy ( AAPC Approved ) (3 months - 2025)

## LEADERSHIP AND AWARDS

- Public Speaking, Mentoring & Peer Tutoring
- Shadowed Healthcare professionals during hospital visits and Equipment handling for junior batches
- Youth United Council of India Executive member (2024)
- Authored, Presented and Published Research Paper at IEEE Conference (2025)