TEJA SRI N

Chennai, India | +91 73389 78366 | tejasri.n19@gmail.com | linkedin.com/in/teja-sri-684a47250

PROFESSIONAL SUMMARY

Biomedical Engineering graduate seeking an entry-level opportunity in the medical device and healthcare industry, with an interest in Regulatory Affairs, Research & Development, Clinical Research, Quality Assurance, and technical roles. Eager to apply my academic knowledge, internship experience, and technical skills while continuously learning and developing professionally. Looking forward to contributing effectively to organizational goals, supporting the company's growth, and building a strong career in the healthcare industry.

CORE COMPETENCIES

Regulatory: ISO 13485 | Indian Medical Device Rules (IMDR) | Device Master File (DMF) & Plant Master File (PMF) | Essential Principles Documentation | Device Classification & Risk Management ISO 14971 | Predicate Comparison | Clinical Evaluation | Medical Device Labeling (ISO 15223-1) | Cosmetic Import Licensing (COS-1, COS-2, COS-4, COS-4A) | Internal Audit Support

Technical & Tools: Medical Imaging Fundamentals | Medical device principles | Clinical Documentation & Reporting | MS Office Suite | Advanced Excel | Python (Basic)

Professional: Team Management | Analytical Thinking | Communication | Team Coordination | Problem Solving | Adaptability | Time Management | Leadership

INTERNSHIP EXPERIENCE

Regulatory Affairs Intern — *Medfins International LLP, Chennai* Jul 2026 – Sep 2026

- Worked on ISO 13485, Plant Master File (PMF), Device Master File (DMF), and Essential Principles documentation for medical devices.
- Applied Indian Medical Device Rules (IMDR) requirements in regulatory documentation and submissions.
- Prepared medical device labeling in accordance with ISO 15223-1.
- Contributed to device classification, risk management files, predicate comparison, and clinical evaluation.
- Participated in an internal audit site visit at a medical device manufacturing facility.
- Assisted with technical documentation and regulatory document organization for medical devices.
- Handled cosmetic regulatory documentation and import licensing under the Cosmetics Rules, 2020, including COS-1, COS-2, COS-4, and COS-4A.

Clinical Research Intern — *NEURA AI, Bangalore (Remote)* Jul 2025 – Oct 2025

- Analyzed breast cancer detection datasets to distinguish malignant and benign patterns.
- Coordinated clinical research activities as Team Lead; supported research documentation and paper writing.

Intern — *Leeway Biomedical, Bangalore* Dec 2024

- Learned fundamentals of medical devices, biomedical equipment, and ISO 13485 standards.
- Gained hands-on experience in basic troubleshooting and maintenance of medical devices.

Hospital Internship— *Kauvery Hospital, Chennai* Dec 2023 – Jan 2024

- Learned working principles of biomedical equipment including CT, MRI, ventilators, ECG, infusion pumps, and patient monitoring systems.
- Gained exposure to medical device documentation, preventive maintenance, and equipment management in hospital settings.

Intern — *Atheena Pandian Pvt Ltd, Chennai* Jun 2023

- Learned human anatomy fundamentals and basic principles of medical devices used in healthcare applications.
- Built foundational knowledge in biomedical and healthcare technology through industrial training sessions.

Hospital Visit — *SRM Trichy Hospital, Trichy* Sep 2024

Hospital Visit — *Gleneagles Global Hospital, Chennai* Apr 2023

EDUCATION

B.Tech. Biomedical Engineering — SRM Institute of Science and Technology (SRM IST, RMP)
2022 – 2026 | CGPA: 9.75

Higher Secondary (12th) — Jai Gopal Garodia Matriculation Hr. Sec. School
2021 – 2022 | 88.6%

Secondary (10th) — Jai Gopal Garodia Matriculation Hr. Sec. School
2019 – 2020 | 70.8%

CERTIFICATIONS & ACHIEVEMENTS

- Medical Device Design & Development Control – ISO 13485, Udemy
- Introduction to Biomedical Engineering, Udemy
- NPTEL Project Management – Elite + Silver
- German A1 – Zertifikat Deutsch
- 2nd Prize, Project Expo 2025, SRM Institute of Science and Technology — "Smart System for ICU Patients"
- Winner, Biomedical Tech Talk Marathon Series Quiz, Atheena Pandian Pvt Ltd

PUBLICATIONS & CONFERENCE PRESENTATIONS

- Presented "Smart Wearable Multi-Hazard Response Health Record Relay System" at the 6th International Conference on Recent Trends in Engineering, Technology, and Management, 2026.
- Presented "Smart Bed Technology for Real-Time Monitoring" at the 16th International Conference on Science and Innovation Engineering, 2025.
- Published "Frequency-Based EEG Signal Analysis for Mental Fatigue Detection Using Welch's Method of Power Spectral Density" in i-manager Journal on Digital Signal Processing (ResearchGate).

PROJECTS

Smart Wearable – Multi-Hazard Response and Health Record Relay System
- Watch-based device monitoring heart rate, SpO_2, and temperature in real time; uses vibration sensors to detect accidents and sends GSM alerts with patient details to hospitals, ambulances, police, and relatives, supported by a website storing medical history and live health data.

Smart Bed Technology for Real-Time Monitoring
- Prototype monitoring IV fluid level, blood reverse flow, urine bag level, and patient posture; sends alerts when parameters cross safe limits and includes an emergency button, reducing hospital staff workload.

Diabetic Neuropathy & Retinopathy Detection
- Image segmentation-based detection approach implemented using MATLAB.

Glucose Level Detection & Alert System
- Alert system for glucose monitoring designed and simulated using Tinkercad.

VOLUNTEERING

- Zonal Representative, International Fovea-Z Biomedical Association, Chennai (Jul 2024 – Jun 2025) — Assisted in conducting free biomedical engineering webinars and contributed ideas for team growth and outreach.
- Chennai Volunteers (Jun 2024 – Jul 2024) — Supported elderly care in old age homes, teaching activities at Church Park School, and tree plantation activities with Nizhal.

LANGUAGES

Fluent: English, Tamil (Read/Write/Spoken)

Proficient: Hindi, German (Read/Write); Telugu (Spoken)