

SANJEEV.S.T

Namakkal, TN | +91 8870589716 | [sanjeevst.07@gmail.com](mailto:sanjeevst.07@gmail.com) | [Portfolio](#) | [GitHub](#) | [LinkedIn](#)

## EDUCATION

---

Bachelor of Engineering – Artificial Intelligence and Data Science  
Kongunadu College of Engineering and Technology, Tamil Nadu  
Expected Graduation: 2027 | CGPA: 7.6

## RESEARCH INTEREST & CAREER VISION

---

Aspiring AI & Software Developer with experience in machine learning, signal processing, and full-stack prototyping. Finalist at Smart India Hackathon with 7+ hackathon wins. Focused on building impactful AI systems for real-world problems.

## CORE PROJECTS

---

### 1. Buried Victim Detection using Seismic Ground Vibrations (2025)

**Technologies:** Python, Scikit-learn, NumPy, SciPy, Flask, HTML, JavaScript

- Developed a web interface for monitoring seismic vibration data from geophone sensors.
- Implemented signal processing and ML techniques to detect possible human presence under debris.
- Coordinated software–hardware integration for real-time detection and monitoring.
- **GitHub:** [View Project](#)

### 2. MERN Task App – Agent Database & Task Management (2025)

**Technologies:** MongoDB, Express.js, React.js, Node.js, JWT, HTML, CSS, JavaScript

- Developed a full-stack MERN web application for agent management and task distribution.
- Implemented secure JWT-based admin authentication with login and registration.
- Built features for task assignment, agent management, and dashboard-based tracking.
- Added bulk CSV upload to import agents and tasks efficiently.
- **GitHub:** [View Project](#)

## RESEARCH & SCHOLASTIC ACHIEVEMENTS

---

- Smart India Hackathon (SIH) 2025 – Finalist
- Won 8+ hackathon prizes, including 2 national-level wins, with total prize winnings of ₹1.3 LAKHS
- Lead teams across 10+ hackathons, building working prototypes within 24–48 hour development cycles
- Mentored 200+ students in the college hackathon community, guiding them on idea development, rapid prototyping, and team collaboration.

## SKILL SET

---

- **Programming:** Python, Java
- **Web Development & Prototyping:** HTML, CSS, JavaScript, React, Node.js
- **Databases:** MySQL, MongoDB
- **Machine Learning:** Feature extraction, model training, evaluation metrics
- **Tools:** Git, GitHub
- **Strengths:** Rapid prototyping, experimentation, teamwork, leadership

## POSITION OF RESPONSIBILITIES

---

- **Founder – [Beat Rescue](#):** Leading an early-stage, human-centered AI prototype for buried victim detection.
- **Hackathon Mentor – Power House:** Trained 200+ students in hackathons and rapid prototyping.
- **Innovation Ambassador (IIC – Ministry of Education):** Promoting innovation and entrepreneurship activities in campus programs.
- **NSS Member:** Contributed to community service initiatives.