

Abhinaya Gayatri Reddy

PROFESSIONAL SUMMARY

Second year Computer Science student (CGPA: 9.63) interested in software engineering, product development, and AI. Developed HungerHeal, a web-based platform for coordinating food donations, and contributed to IoT-based research initiatives. Actively growing skills in MERN Stack, AI/ML and NLP through self-study.

SKILLS

- **Programming & Web:** Java, C, JavaScript, HTML, CSS, MERN Stack, MySQL
- **Core CS:** Data Structures & Algorithms, DBMS, Operating Systems, Object-Oriented Programming, Web Technologies
- **Tools:** Git, GitHub, VS Code, Canva
- **Currently Learning:** Python, Machine Learning Fundamentals, NLP Basics, Agentic AI Concepts

EDUCATION

Geethanjali College of Engineering and Technology <i>B.Tech in Computer Science Engineering</i> Relevant Coursework: Data Structures & Algorithms, Database Management Systems, Operating Systems, Object-Oriented Programming, Web Technologies	2024 – 2028 CGPA: 9.63
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PROJECTS

HungerHeal <i>HTML, CSS, JavaScript</i> • Built a responsive web platform connecting food donors, volunteers, and NGOs to coordinate surplus food distribution at the grassroots level. • Implemented role-based workflows so donors, volunteers, and NGOs could coordinate with minimal friction. • Designed an accessible, intuitive interface to widen usability across non-technical users. • Aimed at reducing food waste and improving food accessibility for underserved communities.	GitHub
NeuroLift <i>Arduino, Sensors, C++</i> • Built a sensor fusion pipeline combining EMG and accelerometer data, sampled every 100ms, to detect gait in real time. • Computed real-time foot angle from raw accelerometer data and designed adaptive servo control with 3 graduated support levels based on foot-angle and muscle-activity thresholds. • Integrated hardware and software during a 36-hour hackathon, translating a real community health need into a working prototype.	GitHub

EXPERIENCE

Social Media Manager <i>Communitie Racing</i> • Managed and executed social media strategies, driving audience growth and engagement. • Volunteered for website updates, UI enhancements, and content workflows in collaboration with cross-functional teams. • Grew the Instagram community to 2,000+ followers within three months through content planning and campaign execution.	Feb 2026 – Present
National Entrepreneurship Network Cell <i>Geethanjali College of Engineering and Technology</i> • Active member contributing to entrepreneurship activities and startup development programs. • Participated in organizing events, workshops, and initiatives to promote an entrepreneurial mindset. • Panel Discussion Moderator: Facilitated structured discussions and managed audience engagement.	Aug 2025 – Present

CERTIFICATES & ACHIEVEMENTS

Certificate of Merit <i>Top 2 students in B.Tech</i> • Awarded for securing a position among the top 2 students in B.Tech based on academic performance.	View Certificate
Best TM Award <i>NEN Cell</i> • Recognized for outstanding contribution, leadership, and active involvement in organizing events and initiatives.	View Certificate