DEDEEPYA YAKKALA

📞+91 7396218785   ✉ dedeepya.yakkala@gmail.com   📍Chennai, Tamilnadu, India   🌐 <u>LinkedIn</u>🔗

PROFILE

CSE Student, Passionate about Problem Solving & Coding, Open to Opportunities

EDUCATION

CHENNAI INSTITUTE OF TECHNOLOGY   (2024 - 2028)

- Bachelor in Engineering, Computer Science Engineering
- Cumulative Grade Point Average **(CGPA) - 7.9/ 10**

PROJECTS

- **<u>Events Management</u>** 🔗

  The Events Management System is a Python-MySQL app that manages participants, attendance, and winners across schools, using PrettyTable for clear tabular views and streamlined event handling.

- **<u>Tilt Goalie Game</u>** 🔗

  Tilt Goalie is a motion-controlled game built using mruby/c, where players tilt the device to move a goalie and block incoming shots on embedded hardware in real time.

EXPERIENCE

- **<u>IoT & Embedded Systems Internship (mruby/c)</u>**   (12/05-26/06/2025)

  This internship helped me understand how lightweight scripting (mruby/c) integrates with embedded hardware to build real-time, resource-efficient systems.

- **<u>Microsoft – AICTE 4 - Week Internship Program</u>**   (June - July 2025)

  This is a great opportunity to strengthen your understanding of Artificial Intelligence and enhance my skillset for the future.

- **<u>Research Associate Intern - CAMRI (Centre for Advanced Materials Research and Innovation)</u>**   (Present)

  Currently interning as a Research Associate at CAMRI, contributing to ongoing research and analysis projects

ACHIEVEMENTS

- **<u>KALAQUEST'25</u>**, *Inventiv at Indian Institute of Technology, Madras* 🔗

  Finalist in KalaQuest 2025, developing innovative, tech-driven solutions to preserve India's endangered art forms.

- **<u>TOYCATHON</u>**

  My team was selected among 14,291 teams across India and reached the finals. Leading the team Science Wizards has enhanced my leadership, teamwork, and project management skills.

CERTIFICATIONS

- <u>OpenEDG Python Institute</u> 🔗
- <u>Bharatiya Antariksh Hackathon</u>, *Indian Space Research Organisation* 🔗
- <u>Eduskills</u> - Python (Programming Language), *Full-Stack Development* 🔗
- <u>Excel Essential Training (Microsoft 365) 2022</u>, *Microsoft and Microsoft Excel* 🔗
- <u>Introduction to IoT</u>, *Cisco Networking Academy* 🔗
- <u>TCS iON Career Edge - Young Professional</u>, *Tata Consultancy Services* 🔗
- <u>MongoDB Basics for Students</u> - *MongoDB University* 🔗

SKILLS

- Technical Skills: Python (Basics), C++ (Beginner), Java (Beginner), SQL, mruby
- Designing: Canva, Graphic Design, HTML (Basics), CSS (Basics)
- Soft Skills: Project Management, Teamwork, Time Management, Leadership, Effective Communication, Critical Thinking, Resume Writing, Group Discussions, Interview Skills Training, Etiquette