

T S Siddharth

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EDUCATIONAL QUALIFICATIONS

MLR INSTITUTE OF TECHNOLOGY

Bachelor of Technology, Computer Science and Engineering (Information Technology)

8.71 CGPA

2023 - 2027

SKILLS

Programming Languages: Python, Java, JavaScript, C#, C++, SQL

Web/App Development: React, Next.js, TailwindCSS, Node.js, Unity, Flutter, Wordpress

Design: User Experience (UX) Design, Figma, Canva, Spline, Three.js

DevOps & Cloud: AWS, Docker, Hostinger, CyberPanel

ML & AI: Tensorflow, Pytorch, huggingface, GCP, Unity-MLAgents

Tools: Postman, Git & GitHub, VS Code, Unity, Notion, Cursor, Fusion360, Blender

Soft Skills: Project Management, Design Thinking, Mentoring, Creativity

PROFESSIONAL EXPERIENCE

Project Mentor - Center for Innovation and Entrepreneurship | MLRIT

August 2024 - Present

- Mentored 180+ students in **developing** AR/VR, IoT, Web and Mobile **Applications** using agile workflows and peer review cycles with a **100% success rate** in producing winning teams.
- Led **5+ Teams** to success in **hackathons** and expos by facilitating **ideation**, MVP Development, pitch coaching.
- Spearheaded **20+ Teams** to **build** real-time user-centric applications around an **innovative** premise.

Technical Intern - Centre for Innovation & Entrepreneurship | MLRIT, Hyderabad

August 2024 - Present

- Developed web **applications** for campus wide usage using React, Node.js, Firebase for more than **7** major events.
- Supported the **technical** setup and operations for various innovation challenges, tech fairs and seminars.
- Created 5+ functional **Web** and **Mobile Applications** with Real-time applications across various domains within campus.

PROJECTS

Codesense - React, Next.js, AWS, MongoDB

- Developed a competitive coding **leaderboard** app aggregating data across platforms with **600+ Active** users.
- Refined and deployed dynamic ranking systems with real-time API integration for over 6 platforms and handled user authentication along with an admin panel.

Fishy - Flask, Chrome Extension, HuggingFace, AWS, MongoDB

- Built a **Chrome Extension** to detect phishing links and deepfake content using NLP and HuggingFace **Transformers**.
- Engineered a custom backend for offender flagging and **live database** logging, enhancing cybersecurity awareness.

Smart Traffic Management System - Tensorflow, Unity, PyTorch, Python.

- Designed a real time smart lane management model using **object detection** and ML **Classification** techniques; reducing traffic upto **54%** in simulated tests.
- Selected for Smart India Hackathon 2024, Ready Tensor CV Expo 2024 and IASF 2024 Exhibitions.

HostelLite - React, Node.js, Real-time Database, MongoDB

- Created a **digital hostel** management tool **streamlining** attendance, out-pass tracking and admin approvals.
- Projected to Reduced manual intervention **upto 70%**, boosting administrative **efficiency** and user satisfaction.

ACHIEVEMENTS & CERTIFICATIONS

- National Cadet Corps - NCC A Certificate Holder.
- Multiple Gold/Silver Medals in International Olympiads in Maths, Science and English - SOF.
- C# Fundamentals - Microsoft, FreeCodeCamp.
- Multiple Google Cloud Platform Certifications in Generative AI, Machine Learning.
- Tensorflow 2 - Deep Learning and Artificial Intelligence 2025 - Udemy.