

THARUN S

Chennai

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SUMMARY

I am Tharun S, a Pre-Final year student of CSE with IOT at SRM University KTR. I've had a solid background in development, both front-end and back-end, and have always been interested to work on varieties of web development projects. Currently I am focusing majorly on building myself as full-stack developer while also being fond of Machine Learning and having hands-on experience by working on ML projects. I have also worked on IoT projects, combining my technical skills with innovative solutions.

EDUCATION

SRM University KTR B.Tech CSE with Internet of Things Sep 2022 - May 2026
• CGPA: 8.43

Hindustan International School, Class 10 and 12 May 2022
• 79% in 10th
• 75% in 12th
• House captain

SKILLS

Technical Skills: HTML, CSS, Jupyter Notebook, JavaScript, Python, Node.js, Git

Frameworks/Libraries: ReactJS, Next.js, TailwindCSS, TensorFlow

Databases: MongoDB, Firebase, MySQL

EXPERIENCE

Head of Media Domain Aug 2024 - Jan 2025
NWC Association, SRM
• Led a team and consistently delivered work on time.
• Managed pressure effectively while creating top-quality designs.
• Contributed designs that helped the association connect with more students on campus.

Technical Manager of Web Development Oct 2024 - Present
IOTAlliance, SRM
• Created a website to simplify and improve the club's recruitment process.
• Currently working on building a forum to make collaboration and discussions within the club easier.
• Manage the club's official website, keeping it updated and running smoothly.

PROJECT

IOTA Recruitment - Recruitment Website for IOTAlliance [IOTA Recruitment](#)
• Developed a recruitment website for the club using React.js, HTML, and CSS.
• The website got over 300 views and 250+ registrations.
• Contributed to the club's branding with the website.

CoaCoNS 2025 Website - International Conference organized by SRM [CoaCoNS 2025](#)
• Designed a website for the international conference CoaCoNS 2025 organized by SRM.
• Used Figma to design and prototype the website.
• The website was used by all participants to register for the conference.

AgriBot - Agriculture Robot

- Built a Bluetooth-controlled robot that performs ploughing, sowing, and irrigation at the same time.
- Made it easy to control using a mobile phone for better user experience.
- Led the project from design to implementation.
- Won 1st place at the Serbot Expo for its innovative and practical design.

Athlete Monitoring System

- Created a project that uses AI to track and improve athletic performance through real-time body movement analysis.
- Presented the project at the 2nd International Conference on Innovations in Physical Education, Sports & Yogic Sciences.
- Received appreciation from Prof. C. Muthamizhchelvan, Honorable Vice Chancellor, SRMIST for the project.

Forensic Crime Scene Analysis System

- Built a system to capture and analyze crime scene data efficiently.
- Used advanced cameras and machine learning to create detailed reports.
- Integrated cloud storage for secure access and reconstructed 3D scenes for better visualization.

CERTIFICATION

- Winner of Serbot Expo 2024
- Runner in Concepto Ideathon, organized by IEEE Club
- AWS Academy Machine Learning Foundations
- Supervised Machine Learning: Regression and Classification
- Artificial Intelligence of Things Course by Intel
- AWS Academy Graduate - AWS Academy Cloud Foundations
- Master Computer Networking - Scaler
- DBMS Course: Master the Fundamentals and Advanced Concepts - Scaler
- Smart India Hackathon 2024
- Certificate of Participation in Pentathlon 24-Hour Hackathon
- Certification of Merit in App Archives
- Certificate of Participation in Code with Node 2.0
- Certificate of Participation in Design Bootcamp 1.0

LANGUAGES

English (Professional), Tamil (Native)