

LAKSSHITHA B

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I'm Laksshitha B, a passionate B.Tech student at SRMIST, Pursuing Electronics and Communication Engineering , actively exploring real-world applications via internships, hackathons, and technical projects. Passionate about web development, AI, and product-based startups. I have received several awards for my outstanding Communication skills , Strong Leadership skills and Team Collaboration

SKILLS

Languages & Frameworks: Python, HTML, CSS, JavaScript (Intermediate), Flask , C , SQL

Development Tools: VS Code, Jupyter Notebook, GitHub, Google Colab, Arduino IDE

Design Tools: Canva, Figma (Wireframing & Web Design)

Others : ESP32 , ARDUINO UNO , Power BI , MS Office

INTERNSHIPS EXPERIENCE

Lennox India Technology Centre - Student Intern

June 2025 - Present
(On-site)

- Currently interning at Lennox India Technology Centre, developing an automated test reporting system using Python, HTML, CSS, and JavaScript to convert raw .txt logs into interactive web-based reports with filters, summaries, and enhanced readability.

Infosys SpringBoard - Frontend Intern

Nov 2024 - Jan 2025

- Took dual responsibility as Scrum Master and interim Product Owner, guiding a 25-member team in an Agile-based Restaurant Management System project.
- Oversaw daily stand-ups, sprint planning, and team coordination, ensuring timely progress and task accountability.
- Designed and implemented key features:
 - User authentication system, About, and Menu pages
 - Add-to-cart functionality and user feedback collection
 - Admin login and real-time dashboard for order monitoring and management
- Promoted best coding practices and ensured code integration across modules.

Citter Graphix - web developer intern

Oct 2024

- Worked on designing intuitive user interfaces and implementing seamless functionalities across the website. Contributed to the development of key pages including the Login and Services pages. The website allows customers to explore offered services with ease. Collaborated closely with the development team to ensure responsive design and smooth user experience.

PROJECTS

DineEase - Restaurant management system

Developed a Restaurant Management System with user authentication, Add-to-Cart functionality, Menu page, and feedback collection. Implemented Admin login and a real-time dashboard for efficient order management. Used JSON server for backend and HTML, CSS, JavaScript for front-end development. Designed wireframes and UI mockups in Figma to ensure a seamless, user-friendly interface across devices.

HarWatch - Harassment watch system

Developed an surveillance system to enhance women's safety in workplace environments. The system analyzes live photos/video feeds to detect risky situations such as a lone woman being surrounded by men, or displaying distress gestures. It uses gender classification and crowd analysis to assess threats, sends real-time SOS alerts to the security team, and records incidents for verification. Past alerts are analyzed to identify hotspot zones, helping organizations take proactive safety measures.

SyncWave - Reliable network switching in USV

Developed a smart network-switching system for Unmanned Surface Vehicles (USVs) using ESP32, LoRa, Wi-Fi, and Arduino IDE. The system dynamically monitors signal strength and automatically switches to the most reliable network based on the USV's real-time location. Designed to ensure seamless communication without data loss during transitions between networks, enhancing mission reliability and range in remote or changing environments.

LEADERSHIP & ACHIEVEMENTS

Director of Communication - IETE Student Chapter, SRMIST Vadapalani Campus

Appointed as the Director of Communication for the IETE Student Chapter.

HACKATHON

- Attended Smart India Hackathon 2024 and Got Selected in Inter-College Hackathon
- Finalist of Aavishkar'25 Hackathon Conducted by IETE
- Shortlisted to pitch our Idea in Tamil Tech Hackathon conducted by Startup TN

EVENTS

- Successfully Conducted EvolvX 1 & 2 Workshops as Student Coordinator under IETE, providing valuable learning experiences to participants.
- Organized and led the Aavishkar'25 Hackathon, fostering innovation and teamwork within the IETE community.
- Played a key role in conducting the Department Symposium and Workshops, enriching the academic and professional environment for students.

CERTIFICATION

- Python for Data Science (2024)
- Design Thinking , NPTEL (2025)
- Data Analytics Crash course - Marscaptech (2025)
- Smart India Hackathon - Participation (2024)
- Finalist of Aavishkar'25 Hackathon (2025)
- ESP32 Workshop - (2025)
- IdeaXchange Winner , Ubertech (2023)
- Poster Design Winner , Abhigyan'23 (2023)
- Data Science - Udemy , Krish Naik (on-going)

EDUCATION

- **B.Tech ECE** - SRM Institute of Science and Technology , **CGPA - 9.63**
- Class 12TH CBSE - Velammal Vidyalaya , Percentage - 90.0%
- Class 10TH CBSE - Velammal Vidyalaya , Percentage - 98.0%

LANGUAGES KNOWN

- English - Fluent
- Tamil - Fluent
- Telugu - Native

CREATIVE WORK & HOBBIES

- Authored book - A walk over Poetry (POET)
- Keyboard - Trinity College London (Grade 3)
- Graphic Designer - Freelancer