

AKELLA LAKSHMI SRINIVAS

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Education

Indian Institute of Information Technology

Expected May 2027

Bachelor of Science in Computer Science (Grade-8.03)

Agartala, Tripura

- **Relevant Coursework:** Data Structures and Algorithms (C), Digital Circuits and Logic Design, Microprocessors & Microcontrollers, Formal Language & Automata Theory, Theory Of Computation, Data Communication

Projects

Movie App 📄 — React, Vite, JavaScript, CSS, TMDB API

- Built a responsive movie application using React and Vite, allowing users to browse and manage movie information.
- Integrated TMDB API to dynamically fetch and display trending, popular, and top-rated movies with poster thumbnails.
- Implemented client-side routing using `react-router-dom` for seamless navigation between Home and Favourites pages.
- Added functionality to mark movies as favourites and persist selections using browser `localStorage`.
- Ensured responsive and accessible UI using modular CSS and flexbox layout techniques.

Weather App 📄 — HTML, CSS, JavaScript, Postman

- Developed a responsive weather application with an intuitive and interactive user interface, enhancing user engagement.
- Integrated a third-party API to dynamically fetch and display real-time temperature, humidity, and weather conditions.
- Implemented a 24-hour weather forecast feature using structured JSON data processing for enhanced usability.
- Optimized cross-device compatibility by leveraging CSS media queries, ensuring seamless performance across various screen sizes.

Rock, Paper & Scissors 📄 — HTML, CSS, JavaScript

- Developed an interactive gaming experience with an engaging and visually appealing UI, enhancing user interaction.
- Engineered real-time game logic in JavaScript to ensure smooth and dynamic gameplay.
- Implemented a score-tracking system to enhance gameplay experience and provide real-time player performance feedback.
- Designed and optimized a fully responsive layout, ensuring seamless cross-device compatibility and user experience.

Skills&Competencies

Languages: C, C++, Python, HTML5, CSS3, JavaScript

Technologies: React JS , Node.js, Git, GitHub, Postman API

Tools: Visual Studio Code

Concepts: Data Structures, Algorithms, Object Oriented Programming , REST API

Soft-Skills: Problem Solving, Effective Communication, Leadership.

Certifications

Problem Solving (Basic) - HackerRank

JavaScript (Basic) - HackerRank

Master Git & GitHub

Achievements

- Solved more than 300 questions on LeetCode.
- Solved over 500 DSA problems.
- Profile: Codolio.

Extra-Curricular Activities

Sports

- Active in Chess and Badminton.