

Sudharsana Saravanan S

+91 8807224054 | sudharsansaravanan2623@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

SUMMARY

I am a passionate and aspiring software engineer with a strong foundation in React.js, Next.js, Data Structures & Algorithms, and JavaScript. I have hands-on experience as a Web Development Intern, where I collaborated with teams to build optimized and scalable applications. I am eager to apply my skills in full-stack development, API integration, NoSQL databases, and real-time applications while gaining deeper practical knowledge. With my leadership and team management abilities, I am adept at coordinating with team members, ensuring smooth development workflows, and adapting quickly to new technologies.

EDUCATION	Amrita Vishwa Vidyapeetham 2027 B.Tech, Computer Science & Engineering CGPA : 7.5 / 10	Coimbatore, India.
TECHNICAL SKILLS	Programming Languages: C, C++, Java, Python, Haskell. Frontend Languages: React.js, Three.js, Material UI, Bootstrap 5, HTML, CSS, Tailwind CSS, JavaScript. Database: MySQL, Firestore. Backend : Node.js, Firebase. API Integrations: REST APIs, Axios. Tools & Technologies: Git , GitHub. Core Skills: Data Structures & Algorithms , Web development , Problem-Solving , Critical Thinking , Solution Optimization , Object-Oriented Design & Principles .	
PROFESSIONAL SKILLS	• Leadership • Communication • Time Management • Adaptability • Team Collaboration • Project Management.	
EXPERIENCE	MetatronCube Software Solutions · Internship <ul style="list-style-type: none">Designing and enhancing the restaurant management system using the Frappe framework and JavaScript, improving functionality, optimizing workflows, and refining UI/UX for a better user experience.Configuring and managing a Linux server, setting up dependencies, and ensuring smooth system operations. Gaining hands-on experience in server administration. Zidio Development · Internship <ul style="list-style-type: none">Worked in a team competing with other development teams to build a full-stack project management application, ensuring optimal feature implementation and performance.Built a MERN stack application with user authentication, a user panel for task management, and an admin panel for user and task oversight, integrating real-time notifications.	Mar 2025 – present Canada · Remote Feb 2025 – Mar 2025 Bangalore · Remote
PROJECTS	Moltov Dec 2024 github-link <ul style="list-style-type: none">Movie Trailer Streaming App With Firebase Integration.Developed an interactive movie trailer streaming platform using React.js, integrating TMDb API and Axios for real-time data fetching. Implemented user authentication and a visually engaging, responsive design to enhance the viewing experience.Fetched and displayed movie details dynamically using TMDb API, ensuring seamless navigation and smooth performance. Utilized Axios for efficient API requests, providing users with an intuitive and immersive streaming experience. Leaf-Link Real Time Messaging App Dec 2024 github-link <ul style="list-style-type: none">Built a real-time messaging app using React.js and Firebase, featuring Firestore for instant message synchronization, a Material-UI-based responsive interface, and Firebase Hosting for secure deployment. Integrated features like username prompts and real-time UI updates to enhance user experience. Hospital Management System Nov 2024 github-link <ul style="list-style-type: none">Developed a Patient Priority Management System to optimize hospital operations by prioritizing patient care based on severity, age, and arrival time. Implemented Min-Heap Priority Queue for efficient patient triaging and Binary Search Tree (BST) for fast data retrieval.Designed and integrated Graph-based room allocation using Dijkstra's algorithm to ensure optimal patient placement. Optimized key operations such as admission, discharge, and search, enhancing hospital efficiency and patient care.	
CERTIFICATES	Certification of C Programming Language by Udemy 2025 Instructor Haidar Al-Aubidy link	online
	Certification of AI for Everyone by Coursera 2025 Instructor Andrew NG link	online