

# Sudharsana Saravanan S

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

## SUMMARY

I'm a Computer Science undergrad with a strong background in data structures, algorithms, full-stack development, and a growing interest in Artificial Intelligence. I have hands-on experience building responsive user interfaces with React.js and actively contribute to open-source projects on GitHub, collaborating with other developers to enhance my skills. Through my internship at Zidio Development, I've gained valuable experience in software development, while my team's semi-finalist placement in the BuildWithIndia hackathon at the Google office further sharpened my problem-solving and teamwork abilities. I also regularly practice algorithmic challenges on LeetCode to continuously improve my coding skills. As an intern, I bring a positive attitude, quick learning abilities, and a passion for innovation and teamwork, excited to contribute to impactful projects.

## EDUCATION

**Amrita Vishwa Vidyapeetham | 2027**

B.Tech, Computer Science & Engineering | CGPA : 7.5 / 10

Coimbatore, India.

## TECHNICAL SKILLS

**Languages & Programming:** C, C++, Java, Python, Haskell, JavaScript

**Web & Frameworks:** React.js, Next.js, Three.js, HTML, CSS, Tailwind, Bootstrap, Material UI

**Backend & Databases:** Node.js, Firebase, MySQL, Firestore, REST APIs, Axios

**Tools & Systems:** Git, GitHub, Linux, VS Code, Eclipse

**Core Skills:** Data Structures and Algorithms, OOP, Operating System, Computer Organization and Architecture

## PROFESSIONAL SKILLS

- Problem Solving • Analytical Thinking • Fast Learning • Adaptability • Team Collaboration
- Communication • Focus & Organization • Responsibility Ownership

## EXPERIENCE

**Zidio Development • Internship**

Feb 2025 – Mar 2025 | Bangalore • Remote

- 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.

## PROJECTS

**Moltov | Dec 2024** [github-link](#)

- 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.

**Hospital Management System | Nov 2024** [github-link](#)

- 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

## PUBLICATIONS

**Project management with tamper-proof evaluation system using blockchain and secured storage** [link](#)

Apr 2025 | CVR-2025, NIT, Goa