

Sudharsana Saravanan S

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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

Coimbatore, India.

B.Tech, Computer Science & Engineering | CGPA : 7.68 / 10

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 • Responsibility Ownership

EXPERIENCE

Zidio Development · Internship [intern Certificate](#)

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

online

Instructor Haidar Al-Aubidy [link](#)

Certification of AI for Everyone by Coursera | 2025

online

Instructor Andrew NG [link](#)

PUBLICATIONS

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

Apr 2025 | CVR-2025, NIT, Goa