

MADHAVI SENARATHNA

Frontend Developer(Intern)

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MadhaviSenarathna MadhaviSenarathna

PROFILE

Enthusiastic Frontend Developer with practical experience in building responsive, user-friendly interfaces and interactive web applications. Skilled in React.js, JavaScript, HTML, and CSS, with hands-on exposure to game development and cloud-based solutions. Passionate about creating intuitive user experiences, solving complex UI problems, and optimizing application performance. Demonstrated leadership, teamwork, and communication skills through active involvement in IEEE initiatives, including content creation and event organization.

EDUCATION

BSc (Hons) in Software Engineering

Sabaragamuwa University of Sri Lanka | BelihulOya, Sri Lanka

Aug 2022 - Present

Lanka

Certification Course in English(External)

University of Sri Jayewardenepura | Gangodawila, Nugegoda, Sri Lanka

March 2020

GCE Advanced Level

Rajasingha Central College | Hanwella, Sri Lanka

Aug 2018

PROJECTS

. Cr	oorts Managemen	t Syctom f	or Sport	ControlCros	ID) 2024	

Key Technologies: HTML, TailwindCSS, JavaScript with React.js

Developed responsive and interactive user interfaces using modern web technologies including React.js, JavaScript, HTML5, and TailwindCSS

• PhysicsQuest - A Physics Learning Game(Group) | 2024

Unity, C#

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Developed interactive game features using Unity and C# by implementing game mechanics, animations, and user interactions for an engaging player experience.

• MeowShot - A Physics-Based Slingshot Game(Individual) | 2024

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Developed interactive game features using Unity and C# by implementing game mechanics, animations, and user interactions for an engaging player experience.

• Short Expiry Drugs Management System(Individual) | Ongoing

Next.js, Node.js, Java Script, PostgreSQL

Designed and developed a full-stack individual project using these tools and frameworks, implementing dynamic UI, state management, server-side rendering, and database integration

• Patient Record-Keeping System for Apeksha Hospital(Group) | Ongoing

React.js, Node.js

Developed responsive and interactive user interfaces using modern web technologies including React.js, JavaScript, HTML5, and TailwindCSS

• Alvy - Python based chat app(Individual) | 2025 🖂

Python, HTML, CSS

Developed chat application called Alvy (Python/Flask/WebSockets) alongside my frontend skills (React/Tailwind/Figma)

• Library Management System(Group) | 2024 🔀

HTML,CSS, Java script

Contributed to frontend development by building responsive and interactive user interfaces using these tools.

SKILLS

Technical Skills

- Programming Languages: JavaScript, HTML/CSS, SQL, C
- Frameworks & Libraries : Node.js, React.js, Tailwind CSS
- Tools & Technologies: Figma, IntelliJ IDEA, Android Studio, Git (Version Control), AWS
- Databases : MySQL, PostgreSQL

Soft Skills

Leadership Skills, Teamwork, Self-Learning, Time Management, Creativity, Problem Solving, Attention to Detail, Flexibility, Critical Thinking, Communication Skills, Multitasking and Prioritization

ACHIEVEMENTS

2nd Place - Best Category, Tech Narrator 2024, IEEE Techverse Sri Lanka ☑	2024
Finalists: IEEE INSL 2024 - Selected as one of the Top 10 teams in the Idea Stage category	2024
Innovate with Ballerina Participant, IEEE Student Branch, University of Moratuwa & WSO2	2024
Semi Finalists: MoraUXplore 2.0, IEEE Student Branch, University of Moratuwa 🔀	2024

EXTRACURRICULAR ACTIVITIES

Project Chairperson - Aurelia 1.0 IEEE WIE Student Branch Affinity Group of SUSL	2024
Executive Committee Member of Faculty of Computing (2025) IEEE Student Branch of SUSL	2025
Secretary Team Leader - VisionX 1.0 IEEE WIE Student Branch Affinity Group of SUSL	2024
Secretary Team Leader - CareerForge Phase 02 IEEE Student Branch of SUSL	2025

INTERESTS

Reading Books

Meditation

REFERENCES

Professor (Dr.) S. Vasanthapriyan, Ph.D. SMIEEE

Dean, Faculty of Computing.

Professor in Computer Science,

Sabaragamuwa University of Sri Lanka,

P.O. Box 02, Belihuloya, Sri Lanka.

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Harshana Abeysinghe, Software Engineer (Game) Backbird FZ-LLC, Dubai, UAE.

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