

Subodha Wijesekara



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Profile

As a full-stack engineering undergraduate who really likes AI, machine learning, and project management, I am passionate about building practical and scalable web applications. I work with technologies such as Next.js, React, Node.js, and MongoDB, focusing on clean architecture and user-friendly design. I actively improve my skills through self learning and hands on projects, combining technical development with effective planning and teamwork. I am eager to apply my knowledge in real-world environments, contribute to innovative projects, and grow continuously as a software engineer.

Education

Bachelor of Information and Communication Technology Honors 2023- Ongoing

- Uva Wellassa University
- Specializing in Software Technology

GCE Advance Level 2019 – 2022

- WP/GM Bandaranayke College
- Advanced Level in Technology Stream - 2B and 1C

Projects

Evento (March - August 2024)

- Event Management System for organizers and students in university.
- Implemented UX and Backend logic for the application
- Technologies: PHP, HTML, CSS, JS, Git, MySQL.

Vitro (June - August 2024)

- Vehicle renting system with OOP.
- Implemented UX and program logic to the app.
- Technologies: Python.

Chat me AI (Sep – Nov 2025)

- AI powered chat application
- Implemented an AI powered chat application using Next.js and Google Gemini API, enabling secure, responsive, and scalable conversational interactions.
- Technologies: Next.js, React, JavaScript, Google Gemini API, Tailwind CSS, Node.js.

Image Chop (Sep – Nov 2025)

- AI powered image enhancement and image compression app.
- Implemented an AI powered image enhancement and compression app using Next.js, enabling fast, high quality image processing with a responsive interface.
- Technologies: Next.js, React, JavaScript, Tailwind CSS, Node.js, TensorFlow.js.

Task Manager (Nov 2025 - ongoing)

- Smart task management app.
- Developed a task management app using Next.js and MongoDB, implementing CRUD operations, user authentication, and responsive, dynamic task tracking.
- Technologies: Next.js, React, JavaScript, MongoDB, Node.js, HTML, CSS, Tailwind CSS, Express.js, RESTful APIs.

Weather app (Nov 2025 - ongoing)

- Smart weather forecasting app.
- Developed a smart weather app using Next.js, fetching real time data to provide accurate, 7 day forecasts with responsive UI.
- Technologies: Next.js, React, JavaScript, HTML, CSS, Tailwind CSS, Open Meteo API, Geolocation API, Leaflet.js

Technologies

Cloud Platforms: Vercel, AWS, Azure

Web Servers: & Load Balancing: NGINX

Programming Languages: Java, JavaScript (React, Node.js), SQL, NoSQL (MongoDB)

Version Control: Git, GitHub, BitBucket

Graphic Design Tools: Adobe Photoshop, Adobe Illustrator

UI/UX Design Tools: Figma, Adobe XD

Other Skills: Team Leadership, Team Player, Article Writing, Public Speaking, Communication

Tools & Platforms: Git, VS Code, Visual Studio, Postman, Trello, Jira

Certifications

UX foundations and interaction design, LinkedIn

Program management for ICT professionals, LinkedIn

Node.js essential training, LinkedIn

Next.js, LinkedIn

GitHub fundamentals, GitHub

Non-Related Referees

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