











Thushara Thilan

Software Engineer



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-  Portfolio

PROFILE

- A tech enthusiast with a passion for software development and problem-solving.
- A proactive learner, always exploring new technologies and enhancing skills to build innovative solutions.
- A strong team player with leadership capabilities, focused on achieving goals and delivering quality work efficiently.
- A results-driven individual with a passion for technology and continuous growth.
- Skilled in problem-solving, with a focus on delivering efficient and impactful solutions.

EDUCATION

Bachelor of Science in Information Technology and computing, SIBA Campus 

2022 – present | Kandy, Sri Lanka

CERTIFICATES

TypeScript – Coursera · 2025: **Skills Learned:**

TypeScript fundamentals, static typing, interfaces, advanced types (union, intersection, generics), type inference, asynchronous programming (async/await), decorators, modules/namespaces, and integration with JavaScript

React Basics – META · 2025: **Skills Learned:**

Reusable components, dynamic rendering based on state changes, props for component communication, form handling in React, interactive and responsive UI development, scalable project structure, full application building with React, and front-end web development fundamentals.

PROJECTS

Personal Portfolio Website

Created a fully responsive personal portfolio website using React.js to professionally showcase my projects, skills, and background. The site includes smooth navigation, project highlights, an about section, and a contact form. Implemented an email feature where users can submit their name, email, subject, and message through the form. Upon submission, I receive the user's message via email, and the sender gets an automatic delivery confirmation email containing my contact details. This enhances communication and adds a professional touch to the site. The design follows modern UI/UX standards and works seamlessly across devices.

STUDENT MANAGEMENT SYSTEM

Built a Student Management System with features for student registration, course enrollment, attendance tracking, and performance monitoring. Enabled admin and teacher roles to manage academic records efficiently through a secure and user-friendly interface.

Wall Art Platform, E-Commerce Website

Designed and developed a responsive e-commerce website for wall art, including product listings, search and filter functionality, user registration/login, shopping cart, and order management system.

Automobile Website

SIMPLE AI-POWERED NEWS ANALYZER

Developed a simple AI-powered news analyzer web app to summarize and analyze news articles. Implemented using React.js and Tailwind CSS for the frontend, Node.js and Express.js for the backend, and integrated with an AI API for content processing. Built with Vite for fast development and optimized performance.

SKILLS

Back-end Development	<div><div></div></div>
API Integration	<div><div></div></div>
Testing And Debugging	<div><div></div></div>
Security & Best Practices	<div><div></div></div>
Version control & Collaboration	<div><div></div></div>
Database Managemen	<div><div></div></div>
Front-end Development	<div><div></div></div>
Object Oriented Programming	<div><div></div></div>

TECHNICAL SKILLS

JAVASCRIPT

- NodeJs, ExpressJs, ReactJs, Vite, Blazor, Bun, Axios, NextJs, Angular

Python

- Django, Flask, TensorFlow, PyTorch, Jupyter Notebooks

Java

- Spring Stack

PHP

- Laravel

C#

.NET, .NET Core, asp.net

MySQL

MongoDB

Azure

REFERENCES

Ramitha Wanninayake,
Software Engineer, SLTMobitel
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Bhagya Thilakarathne,
Head of the department of
IT/Senior Lecturer,
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AI-POWERED RECIPE GENERATOR

Created a simple AI-powered recipe generator web application that suggests recipes based on user input. Developed the frontend using React.js and Tailwind CSS, backend with Node.js and Express.js, and integrated an AI API for dynamic recipe generation. Built using Vite for fast and efficient development.

Movie Explorer App

Host Link: <https://loons-movie-explore-app.netlify.app>

Git Link: [LUC1f3R-0/Movie-Explore-App](https://github.com/LUC1f3R-0/Movie-Explore-App)

Developed a movie info web app using React and MUI, integrating the TMDB API to display upcoming, popular, and top-rated movies. The app includes dynamic movie cards with details, a search feature, a trending section, and a user favorites list, all within a responsive, dark/light mode interface.

CRUD applications

Developed multiple CRUD applications for various use cases, including user management, product catalogs, and inventory tracking. Each application featured full Create, Read, Update, and Delete functionalities with a React frontend and backend integrations using Node.js, Express, C#, and Spring Boot. Utilized SQL/NoSQL databases for data storage, implemented user authentication, form validation, and real-time updates to ensure efficient and seamless data management

Blogging system

Building a blogging system using the MERN stack (MongoDB, Express, React, Node.js) that allows users to create, edit, view, and delete blog posts. Features include user authentication and authorization, a dynamic React frontend, and a backend with Express and Node.js for API handling. MongoDB is used for data storage, with additional functionalities such as comment sections, post categories, and real-time updates.

Virtual Pet Adoption Center

Created a Virtual Pet Adoption Center using Node.js for the backend and React.js for the frontend. This platform allows users to manage pets available for adoption, including adding, updating, and deleting pet profiles, as well as marking them as adopted. The system features dynamic pet moods that change based on their time in the system, with pets being classified as Happy, Excited, or Sad. The app supports filtering pets by mood and offers a responsive, user-friendly UI with adoption functionality. Backend uses RESTful APIs, while the frontend communicates with these APIs to display pet details and adoption status