

PATHUM RATHNAYAKA

Full stack developer

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Portfolio

SUMMARY

Passionate software engineering student with a strong foundation in object-oriented programming, web development, and cloud-based environments. I have hands-on experience in full software lifecycle development through projects at my institute, where I collaborated with teams to solve real-world problems. Excited to bring my technical expertise, problem-solving skills, and enthusiasm for learning to contribute to impactful projects.

EDUCATION

Graduate Diploma in Software Engineering Institute of Software Engineering – IJSE	2023 - Present
Diploma in English Lexicon English Academy	2021 - 2022
G.C.E Advanced Level (Technology stream) Thambuttegama Central College	2019 - 2021
G.C.E Ordinary Level Thambuttegama Central College	

PROJECTS

Crop Management System

- Designed and implemented a Crop Management System using HTML, Bootstrap, and Spring Boot with OOP concepts, allowing users to efficiently manage crop data.
- Developed a system that enables users to add, update, and delete crop details seamlessly, featuring an interactive table for improved data visualization and management

Password Manager

- Developed a secure password generation tool that creates unique, platform-specific passwords based on user inputs.
- Built a React app with Tailwind CSS for a modern user interface, and a Node.js + Express backend for password generation.

Spotify Clone

- Developed a full-stack Spotify clone using React, Next.js, Tailwind CSS for seamless music streaming.
- Implemented user authentication, playlist management, and payment integration. Focused on responsive UI, real-time data handling, and smooth audio playback.

TECHNICAL SKILLS

- Languages:** Java, JavaScript, TypeScript
- Frontend:** React.js, Next.js, Bootstrap, Tailwind CSS
- Backend:** Spring Boot, Express.js, Node.js
- Cloud Platforms:** AWS, Firebase
- Databases:** MySQL, MongoDB
- Other Technologies:** Redux, REST APIs