CHATHUNIKA DAYANGANI

UNDERGRADUATE SOFTWARE ENGINEERING

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GitHub │ LinkedIn

ABOUT ME

Motivated and detail-oriented Software Engineering undergraduate with hands-on experience in full-stack web development using React, Spring Boot, and MongoDB. Skilled in building secure, responsive, and user-friendly applications, with strong interest in backend logic and database design. A fast learner and team player, eager to contribute to real-world software projects while continuously improving technical and problem-solving skills.

WORK EXPERIENCE

Software Engineering Intern   **July , 2025 – Present**

- Developed and maintained scalable web and mobile applications, building responsive frontends using React, HTML, CSS, JavaScript and supporting mobile development with Android Studio.
- Built and integrated RESTful APIs using Spring Boot, Node.js, and Laravel (PHP), and managed databases with MySQL, PostgreSQL, and MongoDB for efficient data handling.
- Collaborated with cross-functional teams on feature development, bug fixing, testing, and version control using Git, ensuring clean, maintainable, and high-performance code.

EDUCATION

BSc (Hons) in Software Engineering
- Kaatsu International University – 2022 - Present

Diploma in Psychology & Counselling
- SITC Campus – July 2025 - Present

Diploma in Cyber Security & Ethical Hacking
- SITC Campus – Feb 2025 - August 2025

Diploma in English
- ICBT Campus – Feb 2022 - July 2022

Certificate in Typesetting and Layout Design
- Sri Lanka Institute of Printing – Feb 2023 - July 2023

G.C.E. A/L – Engineering Technology Galahitiyawa Central College – 2020

G.C.E. O/L Parakrama National College – 2017

SKILLS

- Framework : React, Node.js, Laravel, Spring Boot, Bootstrap, Tailwind CSS, Blade
- Programming Languages : C, C++, JAVA, PYTHON, JavaScript, HTML, CSS, PHP, C#
- Database Technologies : MySQL, MongoDB, Firebase, PgSQL
- Tools : Figma, Balsmiq, Jira board, Trello, visual studio, GitHub, Selenium, Android Studio

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PROJECTS

Garment Management System - Group project   **1st year**
- Technologies used : PHP, HTML, CSS, MYSQL, Visual studio, Xampp Developed a web-based
- Garment Management System to streamline inventory control, order processing, and administrative tasks.
- Built the backend using PHP and MySQL to manage inventory, customer data, orders, and supplier details efficiently.
- Designed an intuitive HTML/CSS interface to provide smooth navigation and a user friendly experience for both administrators and customers.

Auditorium Management System - Group Project GitHub   **2nd year**
- Technologies Used :- React vite, CSS MongoDB, Nodejs , Express visual studio, GitHub
- Developed a web-based Auditorium Management System using Node.js, Express, and MongoDB to streamline reservation management and event scheduling.
- Implemented a responsive front-end with React Vite to ensure smooth navigation and an intuitive user experience.
- Enabled event organizers and administrators to efficiently manage bookings, check availability in real-time, and coordinate event logistics seamlessly.

Outing Aura booking system - Group Project GitHub   **3rd year**
- Technologies Used :- React vite, CSS MongoDB, spring boot, visual studio, GitHub, Jira board, Trello
- Designed and developed a comprehensive system for booking and managing day trips and excursions, aimed at simplifying the entire process for users and administrators.
- Built with React for a dynamic and intuitive front-end, Spring Boot for a robust backend, and MongoDB for scalable data storage.
- Enables users to browse excursions, select dates, and receive instant booking confirmations with real-time availability tracking.
- Provides administrators with tools to efficiently manage trip details, schedules, and overall availability.

POS System for Retail Store
- Technologies Used: React ,PHP, Laravel, My SQL, GitHub
- Built a POS system to handle product scanning, billing, and receipt generation.
- Developed backend logic and database design for sales and stock tracking.
- Improved daily transaction recording and reporting accuracy.

Coffee shop Management system
- Technologies Used: Next.js, Node.js, Express.js, MongoDB
- Designed and developed a full-stack coffee shop management system to handle orders, products, and sales records.
- Implemented user-friendly interfaces using Next.js for placing and managing customer orders.
- Developed RESTful APIs using Node.js and Express for backend business logic and data handling.
- Designed MongoDB schemas for products, orders, and users to ensure efficient data storage and retrieval.
- Implemented order status tracking and daily sales management features.
- Handled full project lifecycle including UI design, backend development, database integration, and testing independently.