CHALANI JAYAKODI

☎ +94 763987985   ✉ **prabodhachalani7@gmail.com**   ○ **Chalani Jayakodi**   in **Chalani Jayakodi**   ▢ **Portfolio**

PROFILE INFO

I'm Chalani Jayakodi, a student at the Institute of Technology, University of Moratuwa, with a strong passion for Software Engineering. I bring problem-solving skills, adaptability, and a collaborative mindset that enable me to thrive in team environments. Eager to contribute to innovative software projects, I am seeking an internship where I can apply my technical skills, tackle real-world challenges, and gain hands-on experience in software development. Committed to continuous learning, I aspire to enhance my expertise and grow into a skilled professional capable of delivering impactful and reliable software solutions.

TECHNICAL SKILLS

Mobile App development - Flutter

Backend development - Node.js ,Express.js,Firebase

Web development - HTML , CSS, JavaScript , React.js

Database - Firebase , MongoDB , SQL

Programming - Python , Java

UI/UX - Figma , Canva

Software Tools - Git , GitHub , VS Code , Postman

Other - Responsive Web Design

PROJECTS

■ **Cassava Healthy Finder - Research Project**
Technologies Used: Flutter,Firebase,Cloud Firestore,AI/ML,Python,Fast API
A mobile app using AI to detect cassava plant diseases with 80% accuracy, helping farmers diagnose health issues instantly. Built with Flutter, Firebase, and Python, Key features include real-time disease detection, user authentication, feedback collection, an in-app community for farmer support, and a notification system for crop health updates.

■ **Online Book Store Admin Board**
Technologies Used: React.js, Node.js, Express.js, MongoDB(MERN Stack)
Developed an Online Bookstore Admin System using the MERN Stack (MongoDB, Express.js, React, Node.js). The system allows admins to manage the store by adding, updating, and deleting books, along with modifying book details such as name and price.

■ **User Management System - CRUD Operations**
Technologies Used: React.js, Node.js, Express.js, MongoDB(MERN Stack)
A user management system built with the MERN stack (MongoDB, Express.js, React.js, Node.js) that enables full CRUD functionality for efficient handling of user data and profiles. The React frontend offers a dynamic user experience, while Node.js and Express.js handle backend operations securely, with MongoDB storing user data. The system allows Add user , Update User and delete user data successfully.

■ **Simple Todo Web Application**
Technologies Used: React.js, CSS,JavaScript
A web-based to-do app that lets users manage daily tasks with ease. Built with React.js, JavaScript, and CSS, it has a user-friendly, real-time interface. Each task has a unique ID using UUIDs, and FontAwesome icons provide visual cues for easy editing and deletion.

Chalo Food Hub - Restuarant Web Application

Technologies Used: HTML,CSS,JavaScript,MySQL

The Chalo Food Hub project is a restaurant web app that lets users view menus, orderBuilt with HTML, CSS, and JavaScript, the app is responsive and works well on all devices. MySQL is used to store contact form data.

My Simple Portfolio Web Application

Technologies Used: React.js, Node.js, Express.js, MongoDB(MERN Stack)

This portfolio web application showcases my projects and skills. Built using the MERN stack, it has a dynamic frontend created with React.js, while Node.js and Express.js handle backend processes. MongoDB is used to store contact form data securely, allowing visitors to reach out easily.

EDUCATION

Institute Of Technology - University Of Moratuwa   2022 - present

CGPA - 3.50

Concentrations: Software Development

Related Coursework: Web application Development, Mobile Application Development, Machine Learning, Enterprise application Development, Advanced Mathematics And Statistics, Computer Graphics

Advanced Certificate in ICT   2021

BCI Campus - Negombo

Concentrations: Web Development

Related Coursework: Web application Development using HTML & CSS, Database Managment System

G. C. E Advanced Level Examination   2018 - 2020

Dhammissara National School - **Physical Science**

CERTIFICATIONS

Introduction to Express.js (Simplilearn) -2024

MERN Stack course (Simplilearn) -2024

Introduction to Dart (LinkedIn Learning) -2024

Introduction to Flutter course (LinkedIn Learning) -2024

UI / UX for Beginners course(Great Learning) -2023

Web Design for Beginners course(University Of Moratuwa) -2024

Python For Beginners course (University Of Moratuwa) -2023

SOFT SKILLS

Teamwork & Leadership

Effective Communication

Time Management

Problem solving & Critical Thinking

CURRICULAR ACTIVITIES

Member Of ITUM Computer Society

Member Of Rotaract Club of University of Moratuwa

Volunteering - ZeroPlastic NDT

REFEREES

Dr.Mrs.Kalpana Galappaththi
Head Of the Division,
Division of Information Technology,
Institute of Technology,
University of Moratuwa,Sri Lanka.
Tel: 0714434530

Mrs. A.U.P. Authukorala
Lecturer (Probationary) (Mphil(reading),PGD in Computer Science , Bcs Engineering)
Division of Information Technology,
Institute of Technology,
University of Moratuwa,Sri Lanka.
Tel: 0112124000