



# CHALANI JAYAKODI

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## 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 ,Firebase
- **Web development**  
HTML , CSS, JavaScript , React.js
- **Database**  
Firebase , MongoDB , SQL
- **Tools**  
Git , GitHub , VS Code , Postman
- **Programming**  
Python , Java
- **UI/UX**  
Figma , Canva

## 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 - Restaurant Web Application

Technologies Used: HTML, CSS, JavaScript, MySQL

The Chalo Food Hub project is a restaurant web app that lets users view menus, order. Built 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

2022 - present

### National Diploma In Technology

Institute Of Technology - University Of Moratuwa

CGPA - 3.50

2021

### Advanced Certificate in ICT

BCI Campus - Negombo

2018 - 2020

### G. C. E Advanced Level Examination

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
- Web Design for Beginners course (University Of Moratuwa) -2024
- Python For Beginners course (University Of Moratuwa) -2023
- UI / UX for Beginners course (Great Learning) -2023

## SOFT SKILLS

- Teamwork & Leadership
- Time Management
- Effective Communication
- 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.  
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### Mrs. A.U.P. Authukorala

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