

# CHALANI JAYAKODI

Trainee Software Engineer

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📄 Chalani Jayakodi

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📁 Portfolio

## SKILLS SUMMARY

Mobile App development - Flutter

Programming - Python , Java

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

UI/UX - Figma , Canva

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

Software Tools - Git , GitHub , VS Code , Postman

Database - Firebase , MongoDB

Other - Responsive Web Design

## WORK EXPERIENCE

**Intern Software Engineer - Dearo Investment Limited**

**Feb 2025 – Present**

I developed responsive web and mobile applications using Flutter, React, Tailwind CSS, and Node.js. I built clean and modern user interfaces with React and Tailwind CSS, and contributed to both frontend and backend development. I also designed user interfaces and prototypes using Figma, and helped with testing, debugging, and improving the performance of applications.

## PROJECTS

### ■ DBF Investemnt Limited Company Site <https://www.dbfinvestment.com>

Technologies Used: React,Tailwind CSS

I designed and developed the entire website for DBF Investment Limited, a company focused on financial planning and investment services. I created all the pages using React.js and styled them with Tailwind CSS.

### ■ Dearo Agro Mobile Application

Technologies Used: Flutter, MongoDB, Node.js

Developed a mobile app to support farmers by providing seeds and helping them track their agriculture process and expenses. Farmers can record their cultivation details and harvest. The app also connects farmers with registered buyers to sell their crops. There are three main user roles: Farmer, Marketing Officer, and Buyer. Marketing Officers can register farmers into the app and manage their data.

### ■ Dearo Agro Admin Dashboard

Technologies Used: Flutter, React,Tailwind CSS,MongoDB, Node.js

The admin dashboard, built with React.js and Tailwind CSS, lets marketing officers register farmers and buyers, monitor progress, and manage all user data. The backend uses Node.js and MongoDB for efficient and secure data handling.

### ■ Service Me(Only Frontend ) <https://serviceme-zjwi.onrender.com/>

Technologies Used:React,Tailwind CSS

Service Me is a platform that connects clients with skilled workers. Clients can search for workers like plumbers, electricians, or cleaners and hire them for jobs. Workers can create profiles and post advertisements about the services they offer. The goal of this project is to make it easy for people to find and hire reliable service providers in their area.

### ■ Cassava Healthy Finder - Research Project

Technologies Used: Flutter,Firebase,Cloud Firestore,AI/ML,Python,Fast API

Developed a mobile app to detect cassava plant diseases using AI with 80% accuracy. The app helps farmers identify plant health issues instantly. Key features include real-time disease detection, user authentication, feedback collection, an in-app farmer community, and crop health notifications.

## ■ Online Book Store Admin

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

Built a web system for bookstore admins. Admins can add, update, and delete books. They can also change book details like name and price.

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## EDUCATION

- **University Of Moratuwa - Bachelor of Information Technology (External)** 2025 - present  
Concentrations: Software Development
  - **Institute Of Technology - University Of Moratuwa** 2022 - 2025  
CGPA - 3.50  
Concentrations: Software Development
  - **Advanced Certificate in ICT** 2021  
BCI Campus - Negombo Concentrations: Web Development
  - **G. C. E Advanced Level Examination** 2018 - 2020  
Dhammissara National School - Physical Science
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## CERTIFICATIONS

- Introduction to Express.js (Simplilearn) -2024
  - Introduction to Dart (LinkedIn Learning) -2024
  - course (LinkedIn Learning) -2024
  - MERN Stack course (Simplilearn) -2024
  - Introduction to Flutter
  - 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
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## 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
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## REFEREES

### Mrs. A.U.P. Authukorala

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### Mr. Tharindu Dhananjaya

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