



KAVINDU MADUSHAN

BICT UNDERGRADUATE || FULL STACK DEVELOPER

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SUMMARY

I am a dedicated BICT undergraduate at the University of Colombo with a solid foundation in modern web technologies and a passion for full-stack development using the MERN stack. I am eager to apply my skills in building scalable, user-friendly applications and to learn from real-world industry experience to grow as a professional full-stack developer.

EDUCATION

University of Colombo

2023 - 2027

Bachelor of Information and Communication Technology Honors

Bandaranayake Collage - Gampaha

2019 - 2022

GCE Advanced Level – Technology Stream

PROJECTS

Inventory Management System — (University Project, 2024):

- Contributed as a team member in developing a faculty inventory system using Agile methodologies.
- Built managing repair notification details and location tracking features .
- Contributed to the testing and development phases of the project.
- Tech Stack: MERN Stack.

Internship Finder (Individual Project , 2025) :

- Built a web platform connecting students, companies, and admins for managing internships.
- Developed key modules for internship listings, student applications, and admin oversight.
- Implemented secure role-based authentication using Zustand and protected routes.
- Tech Stack: MERN Stack (MongoDB, Express.js, React.js, Node.js).

Library Management System (University Project, 2024):

- Contributed as a team member in developing a dynamic web app
- Implemented CRUD operations, session control, and form validation using Agile methods and GitHub for version control.
- Tech Stack: HTML, CSS, PHP.

FOT PULSE — Individual Android App (2024):

- Developed a mobile app for students and faculty communication at UOC.
- Implemented login, registration, profile management, and news features using Java and Android Studio.
- Designed intuitive UIs in Figma based on Material Design guidelines.
- Tech Stack: Java, Android Studio, Figma, Firebase

Online Clothing Shop — (Group Project, Ongoing):

- Developed a responsive e-commerce platform for a clothing shop using Agile methodologies.
- Contributed to building the **login page**, **shopping cart**, and **order management** features to enhance user experience and streamline online purchases.
- Tech Stack: MERN Stack.

TECHNICAL SKILLS

Programming Languages : JavaScript (ES6+), Python

Frontend Development : HTML5, CSS3, React.js, Responsive Design

Backend Development : Node.js, Express.js

Databases : MongoDB, MySQL

Deployment & Tools : VS Code, Netlify

Version Control : Git, GitHub

API Development : RESTful APIs, JSON

Testing & Debugging : Postman, Console Debugging

CERTIFICATE COURSE

AWS Educate Introduction to Cloud 101	2025
Amazon Web Services Training and Certification	
Networking Basics	2025
Cisco Academy	
LFS101: Introduction to Linux	2025
The Linux Foundation	
ReactJS for Beginners	2025
Simplilearn	
Introduction to MongoDB	2025
Simplilearn	
Getting started with NodeJS	2025
Simplilearn	

SOFT SKILLS

Problem-solving | Teamwork | Communication | Quick learning | Adaptability | Time management |
Attention to detail | Self-motivation

LANGUAGES

- Sinhala
- English

REFERENCES

Dr. Rohan Samarasinghe
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