KAVINDU MADUSHAN

BICT Undergraduate | Full Stack Developer

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ABOUT ME

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   *Aug 2023 – Present*

- Bachelor of Information and Communication Technology Honours
- GPA - 3.47 / 4
- Expected Graduation: 2027

BANDARANAYAKE COLLAGE - GAMPAHA   *Completed feb 2022*

- G.C.E. Advanced Level Examination (Technology Stream - Engineering technology)
- Z score - 1.9779

TECHNICAL SKILLS

- **Programming Languages:** JavaScript (ES6+) | Python
- **Frontend Development:** HTML5 | CSS3 | React.js | Responsive Design
- **Backend Development:** Node.js | Express.js
- **Databases:** MongoDB | MySQL
- **Version Control:** Git | GitHub
- **API Development:** RESTful APIs | JSON
- **Testing & Debugging:** Postman | Console Debugging
- **Deployment & Tools:** VS Code | Netlify

SOFT SKILLS

Problem-solving | Teamwork | Communication | Quick learning | Adaptability |

Time management | Attention to detail | Self-motivation

PROJECTS

INVENTORY MANAGEMENT SYSTEM — TEAM LEAD & DEVELOPER (UNIVERSITY PROJECT, 2024)

* developed a faculty inventory system using Agile methods.
* Built managing repair notification details and location tracking .
* Oversaw full project lifecycle - planning, coordination, testing, and development.
* **Tech Stack:** MERN Stack

LIBRARY MANAGEMENT SYSTEM (UNIVERSITY PROJECT, 2024)

* developed a dynamic web app for user, book, and category management with secure authentication and role-based access.
* Implemented CRUD operations, session control, and form validation using Agile methods and GitHub for version control.
* **Tech Stack:** HTML, CSS, PHP

FOT CONNECT — 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

TECHNICAL CERTIFICATIONS

* **AWS Educate Introduction to Cloud 101 :**Amazon Web Services Training and Certification
* **Networking Basics :** Cisco
* **LFS101: Introduction to Linux :** The Linux Foundation
* **Programming in Python - 1. Python for Beginners :** Open Learning Platform - UoM

REFERENCES

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