MANUGA KARUNATHILAKE

BICT Undergraduate

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in Manuga Dewhan   ManugaK   Visit Portfolio

ABOUT ME

An enthusiastic ICT undergraduate with hands-on experience in full-stack web and mobile development using the MERN stack, Android Studio, and modern frameworks. Strong interest in problem-solving, UI/UX design, and building scalable, user-centered applications. Passionate about learning emerging technologies and contributing to innovative software solutions.

EDUCATION

UNIVERSITY OF COLOMBO   *Aug 2023 – Present*

- Bachelor of Information and Communication Technology Honours
- GPA - 3.67 / 4
- Expected Graduation: 2027

CENTRAL COLLAGE PILIYANDALA   *Completed feb 2022*

- G.C.E. Advanced Level Examination (Technology Stream - Engineering technology)
- Z score - 2.3015

TECHNICAL SKILLS

- **Programming Languages:** C | Python | PHP | SQL | Java
- **Web Development:** HTML | CSS | JavaScript
- **Databases:** MongoDB | MySQL
- **Frameworks:** MERN Stack
- **Tools:** Git | Git Hub | Visual Studio Code
- **Low-Code Platforms:** Microsoft Power Apps

PROJECTS

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

- Led a 6-member team developing a faculty inventory system using Agile methods.
- Built admin account management and role-based access control interfaces.
- Oversaw full project lifecycle - planning, coordination, testing, and development.
- **Tech Stack:** MERN Stack

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

LIBRARY MANAGEMENT SYSTEM (UNIVERSITY PROJECT, 2024)

- Led a 6-member team developing 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

SOFT SKILLS

- Technical Problem-Solving & Debugging | Analytical Thinking & System Design | Creativity & Innovative Thinking | Collaboration & Cross-Functional Communication | Attention to Detail & Code Quality | Time Management & Task Prioritization | Adaptability & Continuous Learning | Ownership & Accountability | Curiosity & Passion for Emerging Technologies

TECHNICAL CERTIFICATIONS

- **Python Essentials:** Cisco Networking Academy
- **Java Programming:** Great Learning
- **Full-stack Web Development:** Udemy

REFERENCES

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