



# MANUGA KARUNATHILAKE

BICT Undergraduate

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[in Manuga Dewhan](#) [ManugaK](#) [Visit Portfolio](#)

## ABOUT ME

Motivated and detail-oriented front-end developer with a solid foundation in React, JavaScript, and modern web technologies. Skilled in building responsive, user-friendly, and accessible web applications using clean and maintainable code practices. Passionate about continuous learning and teamwork, with experience delivering high-quality academic and personal projects. Currently seeking a full-stack development internship to apply technical knowledge and contribute to impactful real-world solutions.

## EDUCATION

### UNIVERSITY OF COLOMBO

*Aug 2023 - Present*

- Bachelor of Information and Communication Technology Honours
- GPA - 3.62 / 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

- **Languages:** JavaScript (ES6+) | HTML5 | CSS3 | PHP | SQL | C | Python | Java
- **Frameworks/Libraries:** React | Node.js | Express.js | Bootstrap | Tailwind CSS
- **Tools & Platforms:** Git | GitHub | VS Code | Figma | Vite | npm
- **Databases:** MongoDB | Firebase | MySQL
- **Other Skills:** REST APIs | Responsive Design | Version Control | UI/UX Principles

## 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**

- Problem-Solving | Team Collaboration | Creativity | Time Management | Adaptability | Continuous Learning

**LANGUAGES**

- English
- Sinhala

**TECHNICAL CERTIFICATIONS**

- **Python Essentials:** Cisco Networking Academy
- **Java Programming:** Great Learning
- **Full-stack Web Development:** Udemy (On going) *Oct 2025 – Present*

**REFERENCES**

Dr. Rohan Samarasinghe

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