



NIPUNI CABRAL

UNDERGRADUATE

ABOUT ME

A highly organized and detail-oriented final-year ICT undergraduate at the University of Sri Jayawardenepura, pursuing a BSc.Hons in ICT. With a robust technical background and a passion for project management, web development, and UI UX design, I excel in creating user-centric web applications and managing projects efficiently. My skills in HTML, CSS, React Native, JavaScript, MySQL, and MongoDB combined with expertise in data analytics tools such as Power BI and SQL enable me to contribute effectively to both the development and management processes. I am dedicated to continuous learning and innovation, always ready to tackle new challenges and deliver high-quality results.

WORK EXPERIENCE

Peoples' Bank Kelaniya Branch

- University student internship
2020 January - 2021 March

PROJECTS

• Inventory Management System for Bookstores

Developed a web application to enhance book inventory management for bookstores, leading to increased inventory accuracy by 20%, reduced manual inventory checks by 30%, and better stock management through data-driven decision-making.

Technologies: React, MongoDB, Express.js, Node.js

• Automated Snake Species Classification and First Aid Assistance

Created innovative software for real-time snake species identification and providing essential first-aid information. This project contributes to biodiversity conservation and public safety.


Technologies: Python, Deep Learning, Image Processing


• SoundCores: Mobile App for Sound Type Detection


Developed a mobile application using machine learning to identify and classify environmental sounds. This app enhances birdwatching experiences, aids deaf/hard-of-hearing individuals, and promotes environmental awareness.


Technologies: React Native, Firebase, JavaScript, C++

CONTACT

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TECHNICAL SKILLS

Programming Language

- Java
- Python

Web Development

- HTML
- React
- JavaScript
- CSS

Mobile Development

- React Native

Database

- MySQL
- MongoDB

Other

- **Project Management Tools:**
Jira, Asana, Trello
- Postman
- Power BI
- Ms Office

NON - TECHNICAL SKILLS

- Team Work
- Leadership
- Motivated
- Adaptability
- Creativity

PROJECT MANAGEMENT SKILLS

- Project Planning & Scheduling
- Resource Management
- Communication & Collaboration
- Risk Management
- Problem-Solving

INTERESTS

- Psychology
- IoT
- Hiking
- Cyber security
- Writing
- Gaming
- Tech
- Swimming

NON-RELATED REFEREES

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Ms. Pasangi Perera

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Lecturer

Department of ICT

Faculty of Humanities and

Social Sciences

• Food Order Website

For the Food Order Website, added a user registration and login system, allowing users to customize orders, integrated payment gateways for online transactions, provided order tracking and status updates, and optimized the website for mobile responsiveness.

Technologies: PHP, CSS, HTML

• Library Management System

Included features for managing user accounts, tracking book borrowing history, generating reports on book availability and overdue books.

Technologies: PHP, CSS, HTML, MySQL

• Chatbot for Students

Built a PHP-based chatbot to assist students with queries, leveraging artificial intelligence for efficient responses and feedback.

Technologies: PHP, AI, CSS, HTML, Java Script

EDUCATION

• BSc.(Hons) in Information Technology 2021 - Present

University of Sri Jayawardanapura

CGPA - 3.6

• G.C.E.Advanced Level - Art Stream (2019)

Viharamahadevi Balika Vidyalaya , Kiribathgoda

Results - Logic A, Political A, Media B

• Certificate course, MS office

University of Kelaniya

Results - A+

Coursera

- Foundations of User Experience (UX) Design
- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning

LinkedIn Learning

- NDG Linux Essentials course
- Introduction to Cyber Security
- UI / UX for Beginner
- Project Resource Management
- Project Management Foundations
- Mastering Project Management with Asana

I hereby declare that above mentioned particulars are correct and true best of my knowledge.

Nipuni Cabral