

Ms. Amanda Pathirana

Software Engineer
Internship



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🚩 Sri Lankan

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🐙 github.com/Sanduamanda99

👤 PROFILE

Computer Science undergraduate at Eastern University's Trincomalee Campus, passionate about building efficient software solutions and managing data effectively. Skilled in programming and problem-solving and ready to contribute to projects in database management and software development within the IT industry

🎓 EDUCATION

Bachelor of Computer Science (Undergraduate)

Trincomalee Campus Faculty of Applied
Science

08/2022 – present | Trincomalee, Sri Lanka

G.C.E. Advanced Level Examination (2019)

Royal Central Collage

2003 – 2017 | Polonnaruwa, Sri Lanka

Combined Maths: S, Chemistry: S, Physics: C

🧩 NON-TECHNICAL SKILLS

Positive attitude
Fast learning ability
Leadership skills
Communication skill

Decision making
Excellent teamwork
Problem solving

📁 PROJECTS

Personal Portfolio Website 📄

Developed a modern portfolio website using HTML, CSS, JavaScript, and EmailJS, designed to showcase my skills and projects with a polished and user-friendly interface. Interactive Contact Form: Integrated EmailJS for seamless communication directly from the website.

Cash Money: A Modern GUI for ATM Machines 📄

Cash Money, a user-friendly, cross-platform graphical application developed using Python 3.7+ and Tkinter. This modern interface is designed to enhance the usability and functionality of ATM machines, offering an intuitive and seamless user experience.

Text To Voice Converter website 📄

Developed a 'Text to Voice' web application that enables users to convert typed text into different voice outputs, enhancing accessibility and providing a customizable audio experience.

Flappy Bird 📄

Created a simple Flappy Bird game, implementing game mechanics and user interaction for an engaging gameplay experience.

Quotes Of The Day 📄

Developed a 'Quotes of the Day' web application that displays inspirational quotes from renowned figures providing users with daily motivation and wisdom.

Predicting the undergraduate students failure rate in Trincomalee Campus 📄

Developed a predictive model and web application to forecast the failure rate of undergraduate students at Trincomalee Campus. Analyzed academic performance data from multiple semesters using machine learning techniques, achieving high accuracy with XGBoost. The model identifies students at risk based on GPA, attendance, assessment marks, and some categorical features, providing targeted insights to support academic interventions

Currency Converter 📄

Developed a currency convert project using React JS 18 and Tailwind CSS, designed to provide real-time currency conversion with a user-friendly interface.

Completed NVQ level 4 diploma in English Course,

Technical Collage

2019 | Polonnaruwa, Sri Lanka

SKILLS

Languages

- C++
- Java
- JavaScript
- Python
- PHP

QA Tools & Frameworks

- Selenium (Automated Testing)
- TestNG (Test Framework)
- JUnit (Unit Testing for Java)

Web Development

- HTML
- CSS/Bootstrap

Databases

- MySQL
- MongoDB
- Sqlite

Software Testing

- QA Principles and Methodologies
- Manual Testing
- Automated Testing (Selenium, TestNG)

IDE

- Visual Studio Code
- Dev-C++
- Jupyter Notebook

Frameworks

- Spring Boot
- Flask
- React

Other Tools

- Adobe XD
- Adobe Flash
- Figma

Version Control

- Git/GitHub

Key Features:Real-time exchange rate integration using a free API.Responsive and modern design with Tailwind CSS.Clean and modular React components for maintainability.

Tech Stack:React JS 18 for dynamic UI and state management.Tailwind CSS for sleek, responsive styling.Vite for fast development and build processes.

CERTIFICATES

ATHENA HACK 2022 Hackathon for women

Powered by ideamart

HackX 8.0 2023

powered by TRIDENT CORPORATION

Certificate of certified SQA Tester

Powered by FSD Academy

EXTRA-CURRICULAR INVOLVEMENT

Member-Carrom Team

Trincomalee Campus, Eastern University of Sri Lanka

Member-Cricket Team

Trincomalee Campus, Eastern University of Sri Lanka

REFERENCES

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Trincomalee Campus
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