Ms. Amanda Pathirana

Software Engineer Internship



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PROFILE

Computer Science undergraduate at Eastern University's Trincomalee Campus, passionate about building efficient software solutions and managing data effectively. Skilled in programming and problemsolving 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 \Box

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

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



Languages

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

QATools & 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

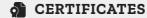
- Adobe XD
- Adobe Flash
- Figma

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.



ATHENA HACK 2022 Hackathon for women

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Member-Carrom Team

Trincomalee Campus, Eastern University of Sri Lanka

Member-Cricket Team

Trincomalee Campus, Eastern University of Sri Lanka

REFERENCES

Mrs. K. Khethika,

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Mrs. J. Janani,

Lecturer, Department of Computer Science,, Faculty of Applied Science Trincomalee Campus Eastern University Of Sri Lanka jananij@esn.ac.lk