

# Rita Toussaint

Enjoys coding, creating and researching and wants to improve the world.

## STACK

C++ - ADA - React - Next.js - Javascript - Java - Python - Flask - Node.js -  
MongoDB - SQL - PostgreSQL - Cypress - Jest - Tailwind - Bootstrap

## EXPERIENCE

### **WithYouWithMe/Leonardo**— *Software Developer*

October 2024 - PRESENT

- Trained in C++ and ADA in a short amount of time
- Delivered informative and engaging presentations to staff

### **Scottish Tech Army**— *Volunteer Web Developer*

December 2023 - September 2024

- Worked closely with team and scrum master to develop solutions while keeping product owner frequently updated.
- Used vanilla HTML, CSS and JavaScript as well as Google Cloud Platform, AWS and JIRA to deliver a functional and cost-effective product via a RESTful API.
- Redesigned a website on Wordpress for a charity, ensuring that the site was fully accessible and creating a unique visual identity for their brand

### **Intrepid English** — *Web Developer, Incident Responder*

March 2023 - September 2024

- Ensured the highest level of quality assurance by maintaining detailed records of app tests and plugin errors.
- Used personal connections to successfully stop a malware attack on the site, protecting customer data and saving the business from rewriting the site from scratch.
- Optimized user experience and functionality by resolving rendering errors on both the desktop site and app.
- Expanded Intrepid English's digital reach and accessibility by successfully uploading the app to the Apple App Store and Google Play.

### **CodeClan** — *Full-Stack Developer*

November 2022 - March 2023

- Learned how to write full-stack programs and websites in 16 weeks
- Successfully completed three impactful projects, including a studio booking app, an animal adoption app, and a text-based RPG.
- Delivered a compelling presentation on neurodiversity awareness to students and staff.
- Thrived in a dynamic team environment at CodeClan, consistently delivering high-quality work within tight deadlines.

Glasgow  
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## SKILLS

bug tracking  
project management  
app publishing  
research  
Agile  
advocacy  
teaching  
JIRA  
Microsoft Office Suite

## LANGUAGES

French (Fluent)  
Spanish (Intermediate)  
German (Beginner)

## **WithYouWithMe** — *Pega Architect*

March 2022 - October 2022

- Improved relations between neurodivergent and neurotypical staff as part of the company Neurodiversity Steering Group.
- Taught new hires how to write good User Stories, improving user experiences across projects.
- Achieved qualifications in Pega and AWS while working full-time.

## **PROJECTS**

### **Disney+ Clone** — *Next.js, JavaScript, Vite, Tailwind*

Here, I learned how to use Tailwind, Next.js and Vite. I used The Movie Database's (TMDB) API to populate arrays of films and TV shows which could be clicked through and clicked on to view more information on each film or programme.

### **furFinder** — *React, JavaScript, MongoDB*

This was my first group project and we were instructed to build a CRUD app in React using APIs. We decided to build a Tinder-like app where users could apply to adopt a cat or a dog from a shelter and the shelter could see and archive those applications as well as add, update or delete animals depending on their adoption status. We created our own database of animals in MongoDB.

### **NoteClan** — *Python, Flask, SQL*

This was my first project at CodeClan. We were instructed to build a simple CRUD app using Python and Flask and I chose to build a studio booking service based on my own experiences in booking studios. The user could add, edit or delete bookings for three studios.

### **ArrrrRPG!** — *React, Java*

This was my final project where I wrote the backend in Java Spring and the frontend in React. I wrote the characters and story, designed the battles and had to carefully plan the game logic.

## **EDUCATION**

### **AWS** — *Cloud Practitioner*

2022

Learned the basics of AWS suite, focusing on cloud storage solutions and serverless computing.

### **Glasgow Clyde College** — *Cybersecurity NPA and PDA*

2021

Learned the basics of cyber hygiene and cyber security, including social engineering, networks and simple penetration testing.

## **University of Glasgow — MLitt Comparative Literature**

2019

In doing this course, I learned about the challenges that go into translation in marketing as well as localisation in video games. I also successfully gave presentations and led two seminars, which improved my skills in public speaking, research, project management and teaching.