

# Melissa Tamplin

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Previous role	Software Developer at Field Effect
Experience	Cyber Security, Fintech, Healthcare, Banking, Education, Retail, Energy, Training, Sports
Technologies	React, Docker, GCP, Python, Flask, AWS, Postgres, Django, Node.js, TypeScript

**In my next job it's important that...**  
I contribute to projects trying to make a difference in this world, and that I find more senior people willing to coach me and help me grow

## Work experience

**Software Developer, Field Effect**  Dec 2022 – Sep 2023 (9m)

cybersecurity solutions  
Cyber Security

- React
- Docker
- GCP
- Python
- Flask

- Enhanced core product functionality by implementing new major features, resulting in improved client and partner satisfaction.
- Collaborated with backend engineers to manage and enhance the main user portal, while also contributing to front-end updates using React framework.
- Streamlined onboarding process for new clients through automation of quote and order creation, as well as optimizing third-party API integrations.

**Software Engineer, Dovetail (Paloma Digital)**  Oct 2021 – Aug 2022 (10m)

Design and development partner, building custom solutions  
Fintech

- React
- AWS
- Docker
- Python
- Postgres

- Developed and deployed a user-friendly crypto and Fiat currency trading portal, collaborating closely with the client.
- Successfully integrated third-party APIs to effectively manage users' financial assets.
- Ensured timely delivery of project needs within budget through direct communication with the client.
- Optimized financial transfer completion speed and accuracy.
- Implemented AWS Lambda functions to enhance application security in a secure AWS environment, incorporating CI/CD pipelines for faster and more reliable releases.
- Thoroughly tested code and collaborated with testers to validate use cases, contributing to weekly user story reviews and estimates. Provided comprehensive technical documentation.

## Backend Developer, Springload

Sep 2020 – Oct 2021 (1y 1m)

People-driven digital experiences  
Healthcare · Banking · Education

AWS Python Django Node.js Postgres

- Re-designed and architected Massey University's legacy Content Management System and in-house tools with a bilingual Django-Wagtail app, focusing on accessibility, that currently helps thousands of prospective students getting access to crucial information before enrolling.
- Implemented API clients to access more than 10 years worth of university data, documented the implementation using Swagger, imported data through Huey tasks, deserialised data with Django Rest Framework (DRF) and migrated data to new PostgreSQL database.
- Revived a decaffeinated Node.js app, fixed known and discovered issues, improved maintainability through refactoring, developed notification functionality, and wrote documentation.

## Software Developer, Common Code

Apr 2019 – Sep 2020 (1y 5m)

Build technology and teams for diverse applications  
Retail · Energy · Training · Sports

React AWS TypeScript Python Django

- Implemented event systems and federated profiles for a global retailer, allowing marketing to be more customisable and targeted, by importing, sanitising and migrating data.
- Implemented new Django backend, following an onion architecture, for a UK based energy retailer
- Improved UX and accessibility on not-for-profit and community led websites.
- Developed programming training material for Women in ICT in Tonga, conducted training courses, and tutored juniors as part of organised events which helped in growing our reputation.

## Education

### Epitech

Sep 2017 – Mar 2018 (6m)

Skilled Trade Certificate Computer Programming

### Paris VII Diderot

Sep 2007 – Jun 2010 (2y 9m)

Bachelor Degree Humanities

## Snippets

### Global Game Jam Participant (2020, 2021) [troubledwaters.fun](https://troubledwaters.fun)

My first GGJ project was a point and click adventure game, built in React. It was an amazing experience : I got to meet people, and spent 48 hours in a small building learning React in order to get this game through the finish line. I was very proud of what we were able to achieve in such a short amount of time. I participated again a year after and experimented with Bevy (a Rust framework). We didn't go far that year, because Rust has a big learning curve !

### Korean – French Translator [editions-sarbacane.com](https://editions-sarbacane.com)

I have translated Korean novels and manwha for a few years before I became a software developer. Some of the graphic novels I translated can still be found on the publisher's website (Editions Sarbacane). One that I am really proud of is titled "Le goût du kimchi", by the author Hong Yeon-shik.

**AWS Certified Cloud Practitioner** @ [www.credly.com](https://www.credly.com)

Earners of this certification have a fundamental understanding of IT services and their uses in the AWS Cloud. They demonstrated cloud fluency and foundational AWS knowledge. Badge owners are able to identify essential AWS services necessary to set up AWS-focused projects.

## More about me

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### I like to work with people who...

care about their work, care about people, communicate clearly and share ideas.

### Interests

gaming, Unreal Engine, D&D, cinema, photography, classical music, crochet

### Languages spoken

French