

MELISSA TAMPLIN

Software Engineer based in Ontario, Canada. Permanent Resident.

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WORK EXPERIENCE

SOFTWARE DEVELOPER (CONTRACT) | QLARIFI

The first real-time BNPL consumer credit database. FinTech startup.

MAR 2024 - OCT 2024
OTTAWA, CANADA

C# .NET, Apache Pulsar, Docker, Terraform, Postgres, AWS, React*TypeScript, Vue.js, Grafana K6

- Built foundations for event-based architecture and multi-tenant .NET services, leveraging Apache Pulsar's technology in order to process 3000 events/sec.
- Built service to help test the product on a daily basis, by faking PII data and use it in E2E tests
- Built admin panel to provide quick debugging and telemetry tools for the engineering team
- Fixed bugs, wrote documentation

SOFTWARE DEVELOPER | FIELD EFFECT

Cybersecurity company specializing in providing advanced threat detection and mitigation solutions.

DEC 2022 - SEPT 2023
OTTAWA, CANADA

Python, Flask, Docker, Postgres, GCP, React

- Enhanced core Covalence Portal product's functionalities by implementing new API endpoints and new co-branding features for monthly and weekly monitoring reports, resulting in improved client and partner satisfaction as measured by increased user positive feedback.
- Streamlined onboarding process for new clients through automation of quote and order creations, and optimized third-party API integration with Stripe, resulting in a reduction in onboarding time and enhanced operational efficiency.
- Worked in close collaboration with designers to create a major overhaul of the login/sign-in processes by adding Auth0 and MFA solutions.

SOFTWARE ENGINEER | PALOMA

Leading venture studio in Australasia that forged an AUD \$180M+ venture portfolio, and helped steer firms like Afterpay to billion-dollar acquisitions

OCT 2021 - AUG 2022
WELLINGTON, NEW ZEALAND

Python, FastAPI, Docker, Postgres, AWS, GraphQL, React

- Developed, tested and deployed a user-friendly crypto and Fiat currency trading portal in close collaboration with the client, moving their brokers out of excel spreadsheets and increasing efficiency and number of transactions done per day. Implemented Okta SSO and integrated the portal with Fireblocks.

BACKEND DEVELOPER | SPRINGLOAD TE PIPITANGA

People-driven digital experiences, empowering organizations to thrive in the digital landscape through a human-centred approach

SEPT 2020 - OCT 2021
WELLINGTON, NEW ZEALAND

Python, Django, DRF, Docker, MySQL, AWS, React, Node

- Re-architected Massey University's legacy Content Management System by implementing API clients to access and unify 10+ years worth of data, helping thousands of prospective students finding relevant information every year.

SKILLS

Python | C# | JavaScript + TypeScript | Rust | React | Vue | Django | Flask | FastAPI | .NET | Docker | Apache Pulsar | HTML + CSS | Postgres | MySQL | GraphQL | Terraform | AWS | GCP | Git | Github | Gitlab | Jira | Agile | Scrum | CI/CD | REST | Mentoring | Pair Programming | French | Korean

EDUCATION

2010
BACHELOR IN HUMANITIES
PARIS VII DIDEROT, PARIS, FRANCE

2018
**SKILLED TRADE CERTIFICATE IN WEB
DEVELOPMENT**
EPITECH, PARIS, FRANCE