

Liana van Rensburg

Software Developer



liana.vanrensburg@gmail.com

(+64) 027 3445 660

Auckland, New Zealand

I am a focussed, ambitious and highly motivated self-taught developer with a passion for clean code and building beautiful, high performing, efficient software. After 10 years working as a Technical Director in the Visual Effects Industry, across Europe and North America, I pivoted to Tech and have not looked back. ♥

Skills

Programming Languages: C#, Java, Python, JavaScript, TypeScript

Technologies + Frameworks: .Net, Spring, Flask, ReactJS, MobX, AngularJS, CSS, HTML, PostgreSQL, Redis, SignalR, Stripe, Postman, Docker

Project Experience

Laurier:

- Designed and built a **B2C e-commerce** web application for luxury consumer goods.
- Created a multi-project solution using **ASP.Net Core** and a single-page client app using **Angular** and **TypeScript**.
- Stripe** for payment processing, **Redis** for storing the shopping cart and **PostgreSQL** for data persistence.
- I used the **Specification Pattern** and the **Repository + Unit of Work Pattern**.

Eventfriend:

- Designed and built a **fully responsive social media** web application.
- Created a multi-project solution using **ASP.Net Core** and a single-page client app using **React, TypeScript** and **React Router**. Used **MobX** for state management
- Live chat function using **SignalR** and Photo upload widget using **Cloudinary**
- I used the **Clean Architecture** and the **CQRS + Mediator Pattern**.

Titan:

- Designed and built a **project Management** tool to track and manage projects and team members.
- Built with **Java, Spring, Tymeleaf, JavaScript, HTML, CSS**
- Data persistence: **PostgreSQL** database hosted on **AWS**.

Movinest:

- Designed and built a **fully responsive** web application to list and share movies and TV shows
- Access to extensive movie database using **themoviedb.org API**
- Built with **Python, Flask, HTML, CSS**.
- Data Persistence: **PostgreSQL**

Work Experience

Freelance Software Developer:

Oct 2020 - Now

Auckland, New Zealand

Lighting Technical Director:

May 2017 - Nov 2019

Framestore Montréal, Canada

Environment Technical Director:

Oct 2015 - May 2017

Framestore Montréal, Canada

Environment Technical Director (Freelance):

Dec 2014 - Jul 2015

MPC Montréal, Canada

Aug 2014 - Dec 2014

Weta Digital Wellington, NZ

3D Generalist Technical Director (Freelance):

Dec 2012 - Dec 2013

Rocket Science Toronto, Canada

May 2011 - Nov 2011

Mac Guff Paris, France

Oct 2010 - May 2011

Passion Pictures London, UK

Education

Mathematics for Machine Learning:

Coursera

Design Patterns in C# & .Net

Udemy

Data Structures + Algorithms

Udemy

Unit Testing for C# Developers

Udemy

Bachelor of Fine Arts

University of Auckland, NZ