Liana van Rensburg
Software Developer [in] [github] [web]

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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.

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**.

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**

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