

Ryan Franks

SOFTWARE DEVELOPER

Christchurch, New Zealand

☎ (+64) 27 846 4446 | ✉ ryan.ethan.franks@gmail.com | 📷 arye97 | 🌐 ryan-franks-156873194

Education

University of Canterbury

BACHELOR OF SCIENCE

Major in Computer Science

Christchurch, New Zealand

Feb. 2017 - Nov. 2020

Skills

Back-end Express, Spring, Jetty Server, REST API

Front-end Vuejs, React, HTML5/CSS

Programming Python, Java, Javascript, NodeJS, RPG, LaTeX, SQL

Testing Mockito, JUnit, Jest

Databases MariaDB, IBM DB2

Software Development Work Experience

Noel Leeming Group

SOFTWARE ENGINEER

Christchurch, New Zealand

Dec. 2020 - Present

- Working in a DevOps build team, building and maintaining long-term projects, using business reports to make decisions about what features to add next and where to take our product.
- Maintaining, troubleshooting and contributing to a very large relational database hosted on the IBM i Series cloud host.
- Built in-house web applications for Salespeople in stores using server side rendering in Java with Spring Boot alongside a front end using Foundation to create a quick and responsive application.
- Utilised Test-Driven Development in both my Java code and RPG (report program generator; database development) code to keep errors and feature-creep to an absolute minimum.
- Part of an agile team, using Jira and Miro for scrum ceremonies, with daily stand-ups and two week (on average) sprints.
- Responsible for writing maintainable and well-documented code that has the potential of being used for extended periods of time without being changed.

Projects

Spoken

WORK IN PROGRESS

Personal Project

Feb. 2021 - Now

- [Github deployed site](#)
- Used react to create a responsive site to see where in the world, visually, a language is spoken.
- Utilised the RESTCountries API to find out in which countries a language is spoken, using a curated list of languages which conform to the API specifications.
- The Semantic UI React library is used to create a great reactive user experience.
- The MapBox API was used to create the map and fill in the correct countries on the users request.

Travel and Route Planning App - 'Footsteps'

SENG302 - SOFTWARE ENGINEERING GROUP PROJECT

University of Canterbury

Feb. 2020 - Sep. 2020

- Worked in a team of nine software developers to produce a full-stack web application over the course of a year, in an agile environment.
- Quickly learned VueJS during the first sprint of our Agile-based project, which allowed me to quickly standup a prototype of our user interface.
- Implemented the Bootstrap-Vue library to create a pleasant User Experience and avoid remaking the wheel.
- Used SCRUM to get the stories allotted to Sprints completed on schedule and co-ordinate the team effectively, with stand-up meetings every two days - along with retros and reviews to understand what we were doing well, wrong and what we needed to improve on.
- Wrote JUnit and Jest automated tests for our back-end and front-end respectively which allowed me to know if anything was breaking when implementing new features.
- Used Java with Spring Boot to create a solid API for our web application, which handled user authorisation to prevent malicious attacks.
- Worked on migrating the Noel Leeming website platform to Salesforce Commerce Cloud, working together with front-end web teams and middleware layer teams to create a cohesive product for our customers.

Petitions Web Application

University of Canterbury

SENG365 - WEB COMPUTING ARCHITECTURE

Mar. 2020 - May. 2020

- Created a RESTful API using NodeJS, Express and MariaDB with MVC architecture to meet the desired API specifications given by the Product Owner. This involved a CRUD interface, such that a user entity and/or petition entity could be created, altered or destroyed.
- Used VueJS for the front end framework to build a website with a responsive single-page-application.
- Used the Buefy component library to make the front end look and feel clean, effective and easy-to-use with clear design decisions.

Previous Work Experience

Foodstuffs South Island Ltd

Christchurch, New Zealand

AMBIENT STORE PERSON

Nov. 2019 - Present

- Picking merchandise and loaded each item on to pallets ready for shipping to the respective supermarkets.
- Work safely and efficiently to achieve a daily goal of 1000 items picked per one 8-hour shift.

McDonald's Rangiora

Rangiora, New Zealand

CREW MEMBER

Nov. 2014 - Feb. 2019

- Trained new staff members in all areas of the restaurant.
- Provided excellent customer service while executing quick transactions with accuracy in a stressful and fast-paced environment.
- Prepped for peak hours in all areas of the restaurant, to be as ready as possible for large numbers of customers.

References

AVAILABLE ON REQUEST