

# Marcus Malan

Software engineer with two years of experience in both Java and JavaScript, and the ability to work up and down the stack in large enterprise solutions.

12 Rockfield Road,  
Ellerslie, Auckland, 1060  
(+64) 021 156 0418  
marcus@marcusmalan.com

## Experience

### Orion Health, Auckland, New Zealand

Orion Health is a large enterprise company which employs over 1,200 people and provides healthcare and hospital integration software worldwide. Its Cancer Screening line of business provides an end-to-end workflow solution for breast screening centers throughout Australia and New Zealand, managing millions of patient records.

Junior Developer	May 2016 - Present	Cancer screening
Graduate Developer	November 2015 - May 2016	Cancer screening
Intern Developer	November 2014 - October 2015	Cancer screening

#### Accomplishments

- Architected and coded data genie and a form templating tool to allow customers to report on patient data across flexible dimensions. This feature allowed the team to complete over one hundred customer requirements using only configuration and removed the need for hundreds of extra database columns and thousands of lines of code.
- Built reusable YUI JavaScript modules that other developers use across the system.
- Worked closely with product architect to develop road map for the Cancer Screening product and its features.
- Rewrote large sections of the Cancer Screening product, converting them into a strict MVC structure, making the product more consistent and maintainable.
- Built a factory framework for test data, removing the need for hundreds of CSV seed files, significantly reducing overhead for developers and making tests more maintainable.
- Debugged, tested and corrected multiple 300+ line SQL queries in order to increase the accuracy of key breast screening statistics reported to the Australian government.
- Reduced new customer rollout time by 20% through the creation of a tool that sorts, differentiates and manipulates XML at an object level, allowing for rapid error-free changes to a customer's configuration files.
- Promoted from Graduate Developer to Junior Developer within six months, the only member of my cohort to receive this promotion.

#### Responsibilities

- Ensure end-to-end delivery of requirements. Starting with requirement review and ending with the demonstration of features to customers.
- Write and review external and internal documentation for features.
- Mentor and train intern and graduate developers.
- Project lead for multiple time-critical service releases.
- Investigate and fix nightly build issues.
- Write unit tests for any new features to increase coverage, as well as reduce testing debt.
- Code review all changes made by intermediate and senior developers.

## Education

### The University of Auckland, New Zealand

#### March 2013 - November 2015

- Bachelor of Science - Double Major in Computer Science and Psychology

## Languages

Java  
JavaScript  
SQL  
HTML  
CSS

## Frameworks

YUI  
Stripes  
Hibernate

## Tools

MS SQL Server  
Jira  
Git  
SourceTree  
BitBucket  
Confluence  
Eclipse

## Interests

Ultimate Frisbee  
Rock Climbing  
Kayaking  
Paddle Boarding