

ALISTAIR MCINTYRE

JUNIOR SOFTWARE DEVELOPER



ABOUT ME

I am a 27 year old resident of Christchurch, a recent graduate of the University of Canterbury, and passionate about all things tech. I am a team player looking for a position that can both employ my skills as a Software Developer to create value, and that I can grow professionally in.



EXPERIENCE

JAN '18
|
NOW

Junior Software Developer

Croplogic

Working as part of a small team to create and maintain 2 mobile applications using Google's new cross-platform mobile framework, Flutter. As part of this role we built a mobile app to give growers access to their fields real-time data through the GrowerView platform. We also built an internal tool for agronomists to be able to access and modify soil moisture readings in the cloud, and to aid them in making decisions in the field using both historical and real time data.

JAN '13
|
NOV '16

Nightfill Assistant

Countdown Supermarkets

Working as member of a small team to restock the shelves throughout the week, and responsible for rotating liquor displays at the end of each week for the next weeks specials.

NOV '11
|
AUG '12

Labourer

Alliance Meats



PROJECTS

2018

Internal Agronomy Tablet App

Croplogic

An internal tool using Flutter & Firebase to create a cross-platform tablet application for use in the field to replace ProAg Croplogic's aging system that did not have support for modern technologies such as cloud storage.

2018

GrowerView

Croplogic

GrowerView is a cross-platform mobile application built using Flutter & Firebase for customers of ProAg Croplogic to view the real time soil moisture readings from their fields, and so they can be automatically notified if something had gone wrong with their fields.

2017

Full Year Group Project

University of Canterbury

Working in a team of 8 students, we created a 2D top-down view for the live data feed from the 35th America's Cup. Once the America's Cup had concluded, we pivoted to making a 3D multiplayer sailing game with support for LAN and Online play. For most of the team this was our first exposure to working on a larger, longer term project (where early decisions could have greater consequences), and to the Software Development Life Cycle and Agile methodologies (Scrum).

2017

Crowdfunding Web Application

University of Canterbury

As an introduction to API First web development we were tasked with completing a basic crowdfunding web application, first building the API to a given specification and then the web application to use that API.



EDUCATION

NOV '12
|
NOV '17

BSc. Computer Science

University of Canterbury

FEB '09
|
DEC '09

Diploma in Web Development

Natcoll Design Technology

CONTACT

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SKILLS

UI/UX Design

SDLC

Git

CI/CD

Agile Scrum

Test Driven Development

Relational Database Management

LANGUAGES

Dart

» Flutter

Python

» Flask & SQLAlchemy

» Django

» Matplotlib

Java

» JavaFX

» Maven

» JUnit

Javascript

» Node.js

» jQuery

» Vue.js

» Express

SQL

» MySQL

» Oracle

» Postgres

Objective-C

PHP

C/C++